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Friday, May 11, 2001

Gathering Addresses Diversity

Students 'Speak Out,' Open Dialogue

By Vicky Hsu
STAFF REPORTER

Participants in the Speak Out forum wore all black in an act of unity on Tuesday as they gathered at noon at 77 Mass. Ave. The group marched to the steps of the Student Center, where a podium and microphones were set up.

"I am very afraid. I fear that this community will yield to the insecurities of this situation and yet again, our collective voice will not be heard ... I'm afraid that what is meant to be open and inclusive will be inappropriately diagnosed as a means to alienate, separate, and further dissect the community," said Jonathan S. White '00 as he addressed the crowd.

The open forum was organized to facilitate conversation on the MIT campus about racism, sexism, and multiculturalism. It was co-sponsored by many different student

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Bacow Chosen as New President of Tufts

MIT Chancellor and Professor Leaves a Legacy of Big Plans, Student Confrontations

By Mike Hall
OPINION EDITOR

Chancellor Lawrence S. Bacow '72 has been selected as the 12th president of Tufts University, leaving the position of MIT Chancellor open for the time being.

"Larry's credentials as a scholar, educator, and leader make him an ideal choice for Tufts," said Tufts Board of Trustees Chairman Nathan Gantcher.

Bacow will replace outgoing president John DiBiagio, who

announced his departure from the Medford-based school last fall.

For over 20 years, Bacow has served the Institute as a professor of environmental policy and as an administrator. "Larry Bacow's contributions to MIT have been extra-

dinary," said MIT President Charles M. Vest. "He has led our efforts to advance the implementation of the recommendations of the Task Force on Student Life and Learning and has played a major role in establishing our alliance with Cambridge University ... But above all, he has been a member of MIT's core leadership team."

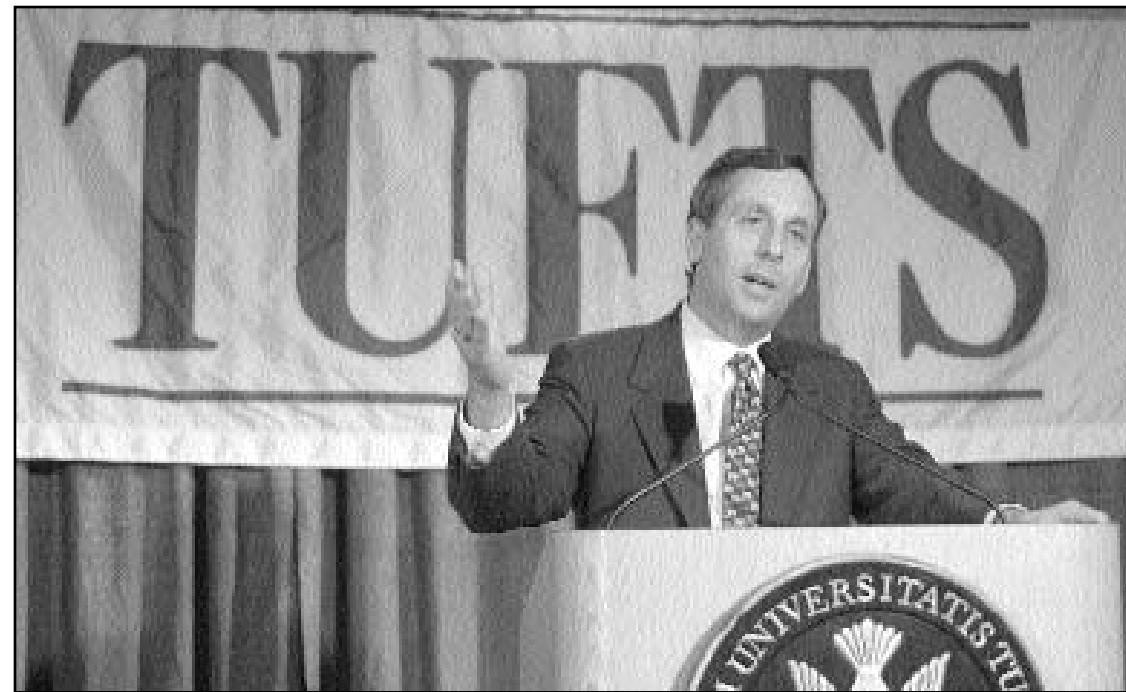
As Tufts president, Bacow plans to integrate the university's seven schools and to create additional research opportunities for undergraduate students. He will also attempt to increase the university's \$600 million endowment, which is small when compared to local rivals like MIT (est. \$6 billion) and Harvard (\$19.2 billion).

"My job is to make sure we are doing our best to compete with [MIT and its peer institutions]," Bacow said. "We'll be tough competitors." Bacow will begin at Tufts in the fall.

Vest planning transition period

"I doubt that there will be an interim appointment" for chancellor, Vest said. He also declined to comment on potential candidates for chancellor, if the position is to be filled at all.

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Chancellor Lawrence S. Bacow '72 was announced as the 12th president of Tufts University at a Wednesday press conference.

MIKE HALL — THE TECH

Delhagen, Jacobs Take 2.007 Victory

Mechanical Engineering Gala Demonstrates Students' Ingenuity

By Nancy L. Keuss
ASSOCIATE NEWS EDITOR

Look again. There's more than one victor in this year's 2.007 Mechanical Engineering Design Contest.

William S. Delhagen '03 and Alexander T. Jacobs '03 were as even as the level of their see-saw beams, tying for first place in Wednesday night's final round of

competition.

This year's contest, "The Tiltillator," is based on a see-saw design that includes a ten-foot-long aluminum beam mounted on a rotating shaft. Contestants designed machines to push and pull the see-saw, and the person whose side of the beam was lower at the end of the 45-second match advanced to the next round.

At the final round, Delhagen and Jacobs "colluded and precisely calibrated their machines so that [the beam] would be level. It was a great engineering solution. They nudged the rules. I'm proud of them," contest host and Professor of Mechanical Engineering Alexander H. Slocum '82 said.

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2.007 competitors Alexander T. Jacobs '03 and William S. Delhagen '03 are presented with an MIT trophy clock. Jacobs and Delhagen tied for first place in the annual robotics competition.

BRIAN HEMOND — THE TECH

Stephen Smith, a Harvard junior, leads 23 members of the Progressive Student Labor Movement out of Massachusetts Hall Tuesday, ending a 21-day occupation of the building.

Harvard Living Wage Sit-In Ends, Committee to Form

By Dana Levine
EXECUTIVE EDITOR

After 21 days of protests, the Harvard University Living Wage sit-in has finally come to an end. University officials and the Progressive Student Labor Movement agreed on Tuesday to form a new faculty-student committee which will address labor issues at Harvard.

The Harvard living wage movement began in 1999, when

Cambridge passed a living wage ordinance which established \$10.25 as the minimum hourly wage for city employees. Harvard students began to talk with employees of the university, and they soon discovered that some were making as little as \$6.25 an hour, far below the minimum required to live in Cambridge.

Jesse Graham, a graduate student in Harvard's School of Divinity, said

Living Wage, Page 20



Comics

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The IFC's Judicial Committee has charged ATO with three counts relating to the altercation between some fraternity members and The Roots.

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Institute Professor Paul A. Samuelson gave a public lecture on "The New Ball Game in Economics."

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WORLD & NATION

Clinton Calls for China's Quick Entry into WTO

LOS ANGELES TIMES

HONG KONG

Former President Clinton on Thursday urged China's quick entry into the World Trade Organization and said the United States should work as a partner with the Asian nation so that "the world will be a better place."

In a speech here to the Fortune Global Forum, a gathering of about 700 international business executives, Clinton said his efforts as president to build a strong Sino-American relationship were part of a larger drive to involve the United States in Asia's future.

He spoke of the growing interdependence of nations as "the central reality of our time" and predicted that the trend will outweigh national differences.

Chinese officials have predicted that entry into the WTO will take place by the end of the year.

In both tone and content, Clinton's remarks stood as a jarring contrast to the Bush administration's initial months of dealing with China. Shortly after President Bush assumed office in January, his foreign policy team altered the U.S. approach to China, describing the regime as a strategic adversary, as opposed to Clinton's characterization of it as a strategic partner.

Bush Shifts Drug War Focus to Reducing Demand

LOS ANGELES TIMES

WASHINGTON

President Bush ordered a major shift of emphasis in the war on drugs Thursday, vowing an "unprecedented" and "unwavering commitment" to cut drug demand within the United States.

Bush's determination to target domestic consumption represents a new strategy — along with treatment and interdiction — in what he called "an all-out effort to reduce drug use in America."

"The only human and compassionate response to drug use is a moral refusal to accept it," he said.

The president announced the shift in a Rose Garden ceremony while introducing the new director of the White House Office of National Drug Control Policy, John P. Walters, a conservative protege of former drug czar Bill Bennett who believes street-level drug dealers should be incarcerated.

"We must do, and we will do, a better job," Bush said.

During his remarks, the president also declared his unequivocal opposition to the legalization of drugs, which he said would lead to "social catastrophe."

Kenyan Prostitutes' Immunity To AIDS Fuels Vaccine Development

THE WASHINGTON POST

NAIROBI, KENYA

Despite thousands of episodes of unprotected intercourse, undoubtedly with some AIDS infected men, scientists are shocked to find that a group of more than 100 Kenyan prostitutes had somehow not become infected with the disease.

By studying their blood, scientists in England and Kenya have concocted the first experimental vaccine expressly intended for Africa — and a hope for safeguarding the lives of the 95 percent of Africans not infected with the human immunodeficiency virus (HIV), which causes AIDS.

The first, tentative phase of clinical trials now under way in Kenya shows promise. The vaccine appears to stimulate elevated levels of a component of the human immune system known as cytotoxic T-lymphocyte cells, the "killer T-cells" that fight the virus most effectively.

WEATHER

Dry Spell

By Michael J. Ring

EDITOR IN CHIEF

The sunny weather and record high temperatures we have enjoyed in recent weeks have come with a less desirable meteorological side effect — a dry spell.

After the second driest April on record in Boston, the city has received only 0.01" of precipitation through the first 10 days of May.

The National Weather Service warns those planning outdoor activities in the region that a high risk of brush fires continues in the region.

Although the region may experience showers and thunderstorms as a cold front moves through the region Saturday, a drenching rain is not in the forecast for the foreseeable future.

Weekend Outlook

Today: Sunny. High in the mid 70s F (23-25°C).
Tonight: Partly cloudy. Low of 60°F (16°C).
Tomorrow: Chance of showers or thunderstorms. High near 75°F (24°C). Low of 50°F (10°C).
Sunday: Partly cloudy. High of 66°F (19°C). Low of 45°F (7°C).
Monday: Partly cloudy with highs again near 66°F (19°C).

Department of Justice Turns Over Documents to McVeigh

By Lois Romano and Dan Eggen

THE WASHINGTON POST

Six days before Timothy McVeigh is scheduled to be executed for the Oklahoma City bombing, the Justice Department Thursday gave his attorneys thousands of pages of FBI documents that it said were mistakenly withheld before McVeigh's 1997 trial.

The stunning development caught McVeigh's attorneys by surprise. They said they are considering their options.

McVeigh lawyer Nathan Chambers said he had spoken to McVeigh after the documents were delivered to his office in Denver, but declined to reveal what McVeigh said. "Mr. McVeigh is going to think about it and decide how he wants to proceed," he said.

A copy of the Justice Department letter was sent to U.S. District Judge Richard Matsch who presided over McVeigh's trial, as well as that of his coconspirator, Terry Nichols. McVeigh's attorneys would have to file a motion for a stay of execution with the Tenth Circuit Court of Appeals if he decided to seek a delay in the proceedings.

Justice Department attorney Sean Connelly said in a letter to

McVeigh's attorneys that "we do not believe anything being produced (bears) on the federal convictions or sentences of Timothy McVeigh or Terry Nichols. Similarly, we do not believe anything in the materials makes even a prima facie showing of either man's actual innocence."

Justice Department sources said Thursday night that the missing records were discovered during a routine "archival search" for all records connected to the McVeigh case. According to one source, more than 40 offices had failed to previously send the materials.

About 3,100 pages of documents were turned over, sources said. But two government sources estimated that only 100-200 pages had not been previously seen by defense attorneys.

Sources said that a number of the so-called "302 forms," which are official reports of interviews conducted by FBI agents around the country, pertain to "John Doe No. 2," a suspect who was described by witnesses soon after the blast but who never materialized.

FBI officials blame the lapse on the bureau's outdated computer records system, which apparently

did not catch the records during previous searches. The latest call for documents required agents in FBI field offices to manually search their files, officials said.

The FBI, which is in the midst of building a new computer system, has had previous problems disclosing key records.

One recent lapse came during the troubled investigation of former Los Alamos scientist Wen Ho Lee.

The jarring turn of events baffled relatives of the victims Thursday night, many of whom were planning to witness the execution on a closed circuit feed to Oklahoma City next week.

"As far as I am concerned he confessed. He said he did it," said Roy Sells, who lost his wife in the blast. "What do all these papers have to do with it?"

As for whether McVeigh's lawyers would be able to obtain a stay of execution to give them time to review the documents, Colombia Law professor James Liebman said, "I don't know think there's an established standard (for the granting of a stay) in circumstances like this. It's something that would have to be up to the discretion of the judge."

Senate Approves Budget Plan

Outline Includes Tax Cut; Four Percent Spending Growth

By Glenn Kessler

THE WASHINGTON POST

WASHINGTON

The Senate gave final approval Thursday to a broad budget plan endorsed by President Bush that will permit the biggest tax cut in two decades and aims to restrain spending on a range of nonmilitary domestic programs.

The budget outline, which passed the House Wednesday on a near party-line vote, will allow Congress to craft a \$1.25 trillion tax cut over the next decade as well as provide \$100 billion in immediate tax relief to stimulate the economy. Spending on annually funded programs would increase four percent, an ambitious goal for a Congress that boosted non-defense spending eight percent a year ago.

The budget plan does not require the president's signature and is frequently ignored as lawmakers craft tax and spending legislation. But this year it is crucially important to the White House because, under Senate rules, a tax cut that fits within the budget framework will require only a majority of the votes for passage in a Senate divided 50-50 between Democrats and Republicans. Without the protection of the budget process, the tax cut would need 60 votes and face unlimited amendments.

The budget outline, negotiated largely among the GOP leadership and the White House, was approved 53-47 largely along party lines, as only five Democrats joined 48 Republicans in backing the plan. Ten Democrats and two Republicans who had voted for an earlier budget blueprint abandoned their support after billions of dollars in education funding were removed in negotiations with the House.

Passage of the budget outline set the stage for the Senate Finance Committee to formally take up Bush's tax-cut proposal, which includes an across-the-board reduc-

tion in personal income tax rates, a doubling of the child tax credit, an easing of the penalty paid by some married couples, and elimination of the estate tax. The overall 10-year, \$1.25 trillion cost is smaller than the \$1.6 trillion first outlined by Bush but would still constitute the biggest tax reduction since 1981.

Members of the finance panel are negotiating how to retain the central elements of the Bush plan, reduce it to the figure envisioned in the budget plan and still win bipartisan support. The emerging legislation would immediately implement a cut in the bottom tax rate and delay until well in the decade deeper cuts in the top rates. The various compromises could result in a bill that, when fully effective, reduces revenues even more than the original Bush plan, though not in the decade covered by the budget blueprint.

The budget plan orders the Finance Committee to complete its work by next Friday, with GOP leaders hoping to deliver a final bill to the president's desk by Memorial Day.

Relatives ID Stamped Victims

At Least 125 Dead After Incident At Ghanaian Stadium

By Ann M. Simmons
and Vincent Azumah

LOS ANGELES TIMES

ACCRA, GHANA

Relatives of more than 100 people who were crushed to death during a soccer match jammed hospitals here Thursday to identify their loved ones. Others frantically searched for friends and family members who failed to return from the game.

Trampled bodies in ripped and blood-soaked clothes were strewn throughout the hallways of Hospital No. 37, where many of the victims had been taken. High-pitched wails and moans pierced the putrid air.

Hospital authorities put the death toll at 125; the figure could be much higher, according to some estimates, because relatives claimed many of

the dead at the stadium. About 200 people with broken limbs and head and spine injuries were admitted to the hospital, officials said.

Government spokesman Kwabena Agyapong said an investigation would be launched "into why and how such an unacceptable, large number of people should lose their lives one evening."

Wednesday's incident, the fourth soccer stadium tragedy to hit an African country in a month, has sparked a debate over poor security at large-scale sporting events, inept policing and the excessive use of tear gas. It has also renewed doubt about Africa's ability to host the 2010 World Cup — a sporting honor it was promised in March.

"It is obviously a massive blow," said Mark Gleeson, a soccer commentator based in Cape Town, South Africa. "It renews questions about the level of competence" of African soccer management.

During Wednesday's game, Accra Hearts of Oak, the hometown

team, was leading 2-1 against its archrival, Asante Kotoko. With five minutes left to play, Kotoko supporters began to get rowdy.

"It all started when Hearts scored the winning goal of the match, which some fans of Kotoko thought was an off-side goal," Kotoko supporter Alex Owusu, 27, said from his hospital bed, where he was being treated for broken limbs. "They started tearing off the stadium seats and hurling them down."

Owusu, a merchant and frequent visitor to the stadium, said police fired tear gas into the crowd, triggering a stampede as fans rushed for the exits. Many were trapped at the main gate, which was locked.

Owusu jumped from the stands but failed to escape the mayhem.

"I landed badly and got trampled by the crowd and lost consciousness," said Owusu, his eyes welling with tears. "I woke up in bed at the hospital."

Soccer officials laid much of the blame on the Ghanaian police.

Palestinian Security Buildings Come Under Attack from Israel

By Mary Curtius
LOS ANGELES TIMES

JERUSALEM

Israel blasted buildings of Palestinian security forces in the Gaza Strip with missiles Thursday, a day after Prime Minister Ariel Sharon held the Palestinian Authority responsible for the slayings of two Jewish teenagers.

Five surface-to-surface missiles slammed into downtown Gaza City. Dozens of people were injured, Palestinians said, and five were hospitalized.

The attack came hours after a roadside bomb killed two Romanian workers who were repairing a Gaza border fence for the Israelis.

Israeli troops also thrust several

hundred yards into Palestinian-controlled territory in Gaza on Thursday, bulldozing crops and destroying a police outpost near the Kissufim crossing, where the Romanian workers were killed. Palestinians said three police officers and a civilian were wounded in a firefight that ensued.

"We are hitting where mortar fire and other attacks emanate from," said Raanan Gissin, Sharon's spokesman.

The Palestinian security forces with which Israel worked until fighting erupted in September "stopped being security forces a long time ago," Gissin said. "They became terrorist forces, and we warned them several times against

continuing this policy."

Three of the missiles fired in the late afternoon reportedly struck Palestinian police headquarters. At least one other missile hit the offices of Palestinian Authority President Yasser Arafat's Fatah faction, about 400 yards from his headquarters on the Gazan coast. Arafat reportedly was unharmed.

Israeli commentators blamed Islamic religious leaders and the Palestinian Authority for inciting acts of individual revenge against Jews.

But Palestinians denied that the killings were an anti-Semitic act, or that incitement in Palestinian and Arab media, which some intellectuals acknowledge does exist, is the cause for such attacks.

House of Representatives Votes To Withhold \$244M in U.N. Dues

By Juliet Eilperin
THE WASHINGTON POST

WASHINGTON

The House voted Thursday to withhold \$244 million in U.N. arrears next year, striking back at the world body for its decision to oust the United States from a seat on a U.N. human rights panel. The move came despite warnings from the Bush administration that it could scuttle a deal aimed at settling a long-running dispute over U.S. debts to the world body.

The 252-165 vote was for a proposal that would allow Congress to pay \$582 million in back U.N. dues this year but suspend the next installment unless the United States regains its seat on the U.N. Human

Rights Commission.

"This is a deliberate attempt to punish the United States for telling the truth when it comes to human rights violations around the globe," said Rep. Henry Hyde (R-Ill.), the chairman of the House International Relations Committee who authored the proposal. "To our critics who would say we're overreaching and overreacting, I would say to do anything less would be a repudiation of our values."

The proposal, which drew the support of 189 Republicans and 62 Democrats, underscored the depth of anger on Capitol Hill in the wake of last week's vote to remove the United States from its traditional seat on the human rights panel as well as the

degree to which many lawmakers remain uneasy with America's close ties to international organizations.

The United States was edged out of its position on the rights commission in a secret ballot among U.N. members that awarded Austria, France and Sweden the three seats reserved for Western countries.

The halt in payments, which came as the House took up the State Department's authorization bill for the new fiscal year, threatens to unravel a deal struck in the final weeks of the Clinton administration. Under that agreement, the United States agreed to pay nearly \$1 billion in arrears in exchange for a smaller share of the U.N.'s peacekeeping operations and overall budget.

Virginia Governor Rescinds European Heritage Month

THE WASHINGTON POST

RICHMOND, VA.

Virginia Gov. James Gilmore declared May "European American Heritage and History Month," then rescinded the proclamation Thursday after learning that it had been requested by a white supremacist group headed by former Ku Klux Klansman David Duke.

Administration officials blamed the blunder on staffers who didn't recognize the name of the group, the National Organization for European American Rights, or its Virginia president, Ron Doggett, a well-known state activist who says whites and blacks should live separately. Gilmore's signature on the proclamation, aides said, was made by an electronic pen, not by the governor himself.

"David Duke's group masquerades as an advocacy group for diversity but preaches white supremacy and a dogma of exclusion and hatred," Gilmore (R) said in a statement issued hastily Thursday morning. "My aims and goals as governor of Virginia are 180 degrees from theirs. A simple mistake was made."

Gilmore struggled for a year over another contentious proclamation, declaring April "Confederate History Month." Under pressure from the NAACP and others, Gilmore scrapped that proclamation in favor of one that denounces slavery as the cause of the Civil War and recognizes its black and white combatants.

Bush Sends Fast-Track Trade Plan to Skeptical Congress

THE WASHINGTON POST

WASHINGTON

President Bush sent his long-awaited trade plan to Congress Thursday, asking lawmakers to grant him broad latitude in negotiating free-trade agreements, which he contends are the key to global prosperity. The proposals got a tepid reception in Congress, where Democrats and some Republicans expressed doubt about Bush's ability to win approval of the trade package.

In a letter to congressional leaders, Bush said his trade proposals reflect his "strong commitment to open markets around the world for the benefit of American workers, farmers, and businesses." He urged lawmakers to grant him "trade promotion" authority, known previously as "fast track" authority, which would allow him to negotiate trade deals without subjecting them to amendments.

Democrats said they will not support such authority unless Republicans agree to their demands that any new trade agreements include ironclad protections for workers and the environment. Bush's trade plan acknowledges the importance of such goals but offers few specifics on how he would achieve them.

While Republicans are generally supportive, some are leery of trade deals of any stripe. One senior Republican aide said Bush will have a "very difficult" time rounding up the votes to pass the package.

TAKE BACK THE NIGHT
May 17th, 2001

6:00 pm Student Center Steps

What is women
the Take Back the Night Rally is designed to bring awareness and empowerment to individuals and to inspire action against and to sexual violence. The evening will include individuals sharing how sexual violence affects their lives and the community as a whole, beginning with speaker Rebecca Butler, Wellesley graduate and rape survivor.
will be raped while

Take Back the Night Rallies are often healing, empowering, and enlightening. You can share your story personally, submit your story anonymously to be read by Radha Iyengar at the rally by going to <http://web.mit.edu/stop/www/survivor.htm>, read the submitted stories at <http://web.mit.edu/stop/www/stories.htm>, or just come to see an survivor of sexual violence.

in college
All community members are welcome!

for more information please visit
<http://web.mit.edu/stop/www/tbn.htm>



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OPINION

Letters To The Editor

Risk Management Clarifications

Although an Executive Hearing for Alpha Tau Omega is not being held until next Wednesday, we think it is necessary to clear up some misconceptions created as a result of Dan Chak's column ["ATO and the Kangaroo Court"] on Tuesday.

We would like to start by clarifying a few points about the IFC Risk Management Policy. Specifically, in Article I of Risk Management Policy under Enforcement Policy Definitions, an event is defined as "any gathering of people that is sponsored by an FSILG, occurs on FSILG property or is funded in any way by the FSILG ...". It continues to list guidelines for interpretation of what an event might be. One of the guidelines in the policy interprets an event as "around 25 people present in a room with at least one person possessing alcohol."

Article XI, Section B, rule 2 states "Small Events with Alcohol Present are defined as events in which the ratio of guests to members that live in the house does not greatly exceed one to one." Any gathering classified as an event under the definition with less than the one to one ratio is a Small Event. All other events would fall into the Large Event category.

For those of you familiar with the IFC's agreement with the Boston Licensing Board, the format we are following with the Cambridge License Commission is similar. We believe that we are the appropriate official body for dealing with situations involving our member houses. As such, the IFC has the responsibility of informing the CLC of incidents involving Cambridge houses, but also has the independence to deal with these situations.

To date, there have been two written correspondences with the CLC with regard to the ATO case. In the first, we wrote them to inform them that a situation that occurred at ATO on April 27. In this letter we explained that MIT, the IFC, ATO, and many student leaders on campus were already discussing the situation and were preparing to deal with it accordingly. At the end of the letter, we requested that the Cambridge License Commission refrain from scheduling a hearing for ATO until the IFC conducted their investigation and judicial proceedings.

The second letter that has been sent to the CLC included the investigation findings and charges brought forth by the IFC against ATO as a result of the Judicial Committee investigation. In no way has ATO been "convicted" of any wrongdoings. No decisions will be made by the IFC until after the Executive Review, requested by ATO, to be held on May 16.

In conclusion, I hope that the members of

the MIT community can see the dual role that the IFC serves, both as a representative body of its members as well as an organization that governs itself. We are not working with MIT or the CLC to try and "shoot [one of our member fraternities] in the foot," but rather, we are working with MIT and the CLC to allow the IFC to practice a self-governing system. Both institutions, MIT and the CLC, are awaiting to hear the results of our hearing. The IFC is not serving as "the right facade needed for MIT to keep itself at arm's length from its own dirty work," as Chak claims, but rather, we are doing our job as a governing body.

If there are any further questions or issues concerning IFC policy, actions, or goals, please contact the IFC President Rory P. Pheiffer at rpp@mit.edu, or any other member of the IFC Executive Committee either by e-mailing ifc-exec@mit.edu or any of the respective officers on the Committee.

The IFC Executive Committee

MIT Admins: License to Beat Up?

I would like to take this opportunity to applaud the administration for doing the right thing. In the wake of the ATO/Roots incident, finally we see the rights and needs of the members of our community being upheld. Every community and institution of which I have previously been a part has blatantly violated my rights. But MIT, on the other hand, has shown that it supports my right to beat people up if they call me names.

Perhaps I will take this opportunity to start wearing my yarmulke. Not out of pride at my Jewish heritage, mind you, but in hopes of hearing more anti-Semitic comments. After all, there's nothing I like more than beating up anti-Semites. Thank you, MIT. As a sign of my appreciation, I will donate \$10 to my senior gift for every anti-Semitic the administration lets me attack without penalty.

Geoffrey Williamson '01

'Fun With Clip Art' Offensive to Jews

As a religious Jew, I find Aaron Isaksen's "Fun with Clip Art" [May 4] to be insulting, although I'm sure he did not mean it that way. May I suggest that if you want to contribute to an atmosphere of tolerance on campus, you avoid publishing pieces that do no more than ridicule the rituals of a religious group to which a number of the students and faculty at MIT belong.

Liora Zion G

Craighead Wrong on 'Violence' Definition

This letter is in response to Matt Craighead's opinion piece from May 4, "The Mob at Harvard." He states that that the Progressive Student Labor Movement at Harvard is a terrorist group because it is using "violence" to further a political cause. While occupying a building can be considered an illegal act, it does not constitute violence.

If Craighead is seeking an example of local and systemic violence, let him consider Harvard's employment policy. At least 1,179 Harvard workers earn less than \$10.25 per hour, the minimum wage that the city of Cambridge states a worker needs to be able to reside in Cambridge.

In addition, many of these workers lack basic benefits such as health insurance. This often forces workers to live over an hour away from Harvard University, to take a second full-time job, to skimp on sleep, to go without spending time with their families, and to work even when they are ill. Compelling people to live under such conditions is truly violent.

Payal Parekh G

When I read "The Mob at Harvard," my jaw dropped to the floor. The comparisons that Matt Craighead makes can hardly be called exaggeration, they are downright sensationalism. What else can you call it when a writer broadens the meaning of the word "violence" to include peaceful sit-ins and contained, police-supervised protests, rallies, and marches? There is certainly no better term to describe a column that compares 35 students at a sit-in, and their peaceful, chanting performers, to notorious, mass-murdering bombers like Timothy McVeigh and the Unabomber. I don't see many similarities there.

Craighead then calls on, almost demands that Harvard to use force and violence immediately against its own students. This is enough to make even Neil Rudenstine look like a nice guy. I'm glad that Craighead doesn't run MIT, or hundreds of MIT students might have been tear-gassed, or maybe shot with rubber bullets, for trying to save the Dot from construction.

If this is the sort of tabloid writing *The Tech* is going to start filling its pages with, perhaps the name should be changed to the MIT Enquirer. Otherwise, I would advise that Matt Craighead invest in a history book, a dictionary, and perhaps some sedatives. I, meanwhile, will be at Harvard, apparently engaging in violent, terrorist activity.

Phife Ashford '02



Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors, features editor, and opinion editors.

Dissents are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and **editorial cartoons** are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m.

two days before the date of publication.

Letters and **cartoons** must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. *The Tech* can be found on the World-Wide Web at <http://the-tech.mit.edu>.

No Easy Solution to Racism

Traditional Remedies Have Failed; Reality Is Far More Complicated

Ken Nesmith

On Friday of Spring Weekend, members of the Roots engaged in a miniature scuffle with some brothers at the Alpha Tau Omega fraternity. In responding to some statements that were not racially neutral, members of the hip-hop group ran to the roof deck to face the brothers. ATO took action shortly after the incident, issuing a hasty apology to the MIT community and expelling two brothers.

Given their insistent claims of tolerance, this fraternity has repeatedly run afoul of what might be called politically correct or even acceptable behavior in the last few years. The group has been involved with infractions involving alcohol, parties, rush violations, and most notably, an incident involving hate mail from a brother to a gay student which expressed the hope that all homosexuals would be strung up on barbed wire fences in Wyoming. These actions form an unfortunate

Somehow, conservatives have found it inappropriate to lambaste Ivy League institutions that give weighted preference to legacy students.

pattern, and it is irresponsible to present MIT's censure of such behavior as a witch hunt against fraternities.

Today, racism in America is relatively rarely expressed in the form of the irrational aggression that has been typical of the past. In recent years, programs that give special entitlement to blacks and other minorities have come under attack, and those leading the charge have landed serious blows in various legal decisions, including an overturning of affirmative action in California and a similar impending decision in Michigan. Battles rage in several other states.

Those resistant to such programs have advocated the idea that our position in life is directly determined by our own abilities and skills. If we are more able, we succeed, and we arrive at social and economic prosperity. If we are not able to offer marketable services, then we will go nowhere. Any structure that gives an underprivileged ethnic group an advantage

has the effect of rewarding mediocre performance, and is contrary to the fundamental nature of free market economics.

As has been noted, this complaint is oddly leveled almost solely against blacks and other racial minorities, even though there are other important instances where similar practices are followed. Somehow, conservatives have found it inappropriate to lambaste Ivy League institutions that give weighted preference to legacy students, despite the fact that this practice is identical to the racial preferencing.

At MIT, U.S. citizens enjoy a healthy benefit in the admissions process when admissions separates international and domestic applications. The effect is that it is much more difficult for international applicants to gain admission.

What though of the claim that our national economic supremacy can be attributed entirely to America's free economic structure, which allows any individual to succeed through his own hard work and initiative? Anyone, regardless of race, gender, or creed, it is argued, can rise to a position corresponding to their abilities. Usually, the argument is accompanied by an anecdote or two concerning a high-ranking black official or some other accomplished minority.

Consider, though, the following information, drawn from the U.S. Census Bureau: blacks are over twice as likely as other races to be poor. They are less likely to have received post-high school education — 85 percent of whites have, vs. 75 percent for blacks — and eight times more likely to be imprisoned. They occupy far fewer executive or upper managerial positions in corporate America than do whites. Black-owned firms comprise just 3.6 percent of all firms in the U.S., and the corresponding revenue generated by these businesses is one percent of total revenue. Blacks are convicted of drug violations over three times as frequently as are whites. Recent evidence brought forward in a discrimination lawsuit against the FBI showed that blacks were much less likely to be promoted and rewarded in the organization than whites, and were much more likely to face disciplinary action for misconduct.

Of these, the most salient statistic is that blacks, on average, simply make less money than whites. In the economic framework cited as the foundation of our great nation, blacks do not perform as well as whites. Given our

premise concerning America's economic structure, there are three possible conclusions one can draw from these facts.

The first is that racist elements still exist within our society, and it may take government action to counterbalance these elements. This charge is routinely denied and dismissed with curious zeal, but it may deserve more exploration. The second possibility is that blacks have not overcome the handicaps left by hundreds of years of slavery and the following period of discrimination. Consequently, it may again be necessary to offer a hand up to set them on equal footing.

The final conclusion is that the black race is inferior. If everyone is on equal footing, as the pages of a right-wing editorial page would have you believe, then blacks are not able to perform as well as members of other races. There is something inherent to being black which means that one is less likely to perform as well in society as those who are not black. On average, you will make less money, go to jail more frequently, use more drugs, and hold inferior employment positions, if you are employed at all.

No conservative, or anyone else for that matter, would ever openly admit to this sort of racism. But their logic leads naturally to this conclusion. They angrily deny it to themselves, and they deny it to the world. It is unfortunate and destructive that this is so.

Race relations suffer within American society, where tensions still exist and in some cases are growing. A recent analysis of census data showed a "white-flight" phenomenon, in which white families move away from urban areas of

Perhaps then it is time to stop seeking the same tired solutions, because they are failing us.

ridicule of Asians at Harvard have gained wide visibility in the mainstream media. Then there is the everyday complacency into which we inevitably fall, when we cease to notice that those performing menial tasks that are generally considered undesirable or degrading are minorities.

On Tuesday, several dozen students gathered on the steps of the student center to "Speak Out." Their goals were not exceptionally concrete in nature, but they sought to foster discussion of issues concerning race, gender, and diversity. The event felt slightly gratuitous; the day-to-

day experience of most MIT students does not reveal any inhibitive racial tension. Not five hours later that evening, in the same spot where protesters had gathered dramatically, students of every race relaxed together on Kresge Oval, throwing frisbees, munching food together, doing work, or just chatting; whites, Indians, Asians, Hispanics, blacks, and others alike.

In the wake of the ATO incident, we have had and will have endless calls for increased discussion about cultural differences, tolerance, sensitivity training, etc. ad nauseum. These calls will likely produce a cynical response in most who hear them, and with good reason: they seldom accomplish much. It could be that living in a diverse college community is as good an educator as we can hope to create, and it may be a sufficient one, even if we are not able to perfectly plan the results of this unique education.

Perhaps then it is time to stop seeking the same tired solutions, because they are failing us. Perhaps it's time to pause in our lives and to make it a point to personally explore our own feelings about members of other races and cultural groups. Perhaps it's not time to reflexively respond to a relatively minor incident consisting of a humorous quote from a movie and a derogatory comment that may or may not have included a racial slur with a harried frenzy of rushed and ineffective solutions.

There is a race problem in America, and it is not going away. The solutions we thought we had found have proven to be impermanent and ineffective, mere sand walls. This is not an easy problem. I don't pretend to have an answer. Neither should others.

The most salient statistic is that blacks, on average, simply make less money than whites.

concentrated black population to the comfortable suburbs. Our recent clashes with China increased anti-Chinese sentiment by several estimates, and editorial pieces addressing David Horowitz's campaign to defeat the reparations movement and Justin Fong's severe

America à la Bush

Philip Burrowes

During the energy crisis of the late 1970s, U.S. President Jimmy Carter asked his fellow citizens to use less gas in defiance of OPEC's price hikes, a "moral equivalent of war." Unfortunately, his ideological rhetoric was misinterpreted as a call for war among the American people. This eventually led to gas siphoning, increased drug trafficking, and the election of an actor as Carter's immediate successor. Nevertheless, it showed that the people of this country had too much pride to sit idly by as troubles mounted around them.

At least, that was the idea. President Bush seems to have a different conception of the American master plan: a moral equivalent of stagnation. So long as his administration and the rest of the country plods along its merry way, things will get sorted out.

Compare his approach to the contemporary energy crises in California and in Chicago (which just shows that the rest of Illinois is backwater, but that's beside the point). Does Bush advise Americans to regard the deficiencies in our power infrastructure as signs of possible energy overconsumption? The official word out of Washington is, "It should be the goal of policy makers to protect the American way of life... The American way of life is a blessed one, and we have a bounty of resources in this country."

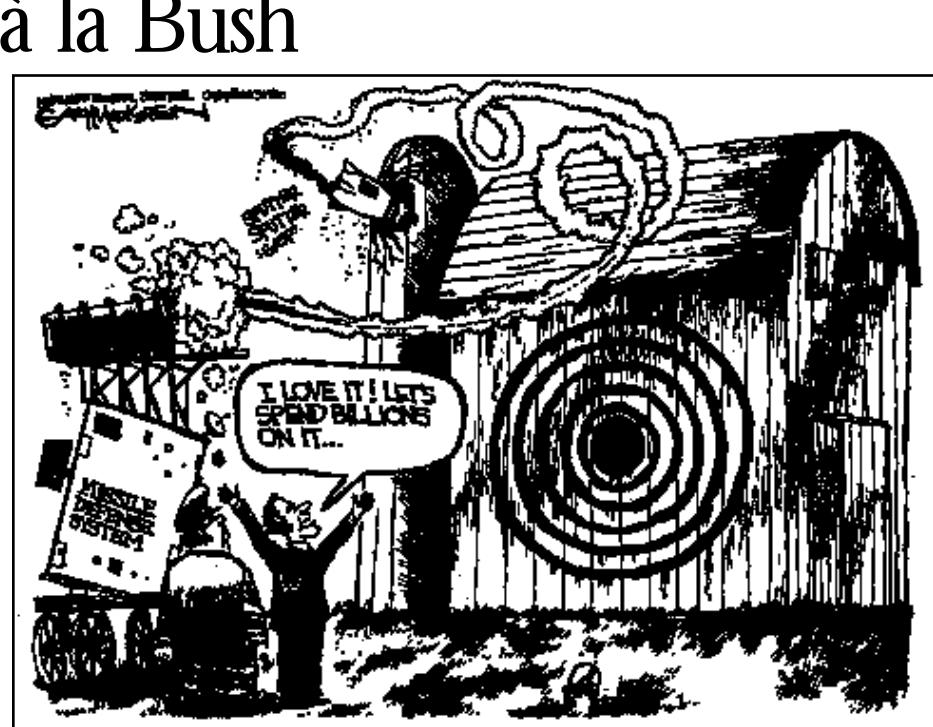
Not only is the current energy problem a minor snag, but it is now the American patriotic duty to pretend that nothing is happening. For those who doubt the precedent for such myopic optimism, look no further than World War II-era Superman, who protected

"Truth, Justice, and the American Way," despite constantly lying to Lois Lane, performing acts of over-vigilanteism, and hailing from another planet. Of course, his use of yellow and red did suggest Communist leanings...

To be fair, the president has just been wary of quick fixes (not involving Alaska). He realizes that his is part of a fundamental problem which should not be superficially attended to, but instead addressed in a manner that would preclude the emergence of similar situations for some time. While Bush would gain considerable popular support by swiftly solving the situation in California — a state he lost in the election — he holds our well-being in higher regard than his own standing. Also, he is just a puppet.

Other elements of Bush's policy exhibit equal obstinacy. Look no further than the espionage situation with China. In shades of Gerald Ford's debate flub about no Soviet domination in Eastern Europe, Bush said in a Good Morning America interview that he'd use "whatever it took to help Taiwan defend herself." Subsequently, he and his personnel have tried to pretend he was upholding the One China policy. Yes, he's willing to pretend the implications of things that he himself has said don't exist.

Don't forget that the United States has restarted surveillance flights near China, despite the People's Republic's demands otherwise. The stubbornness here is two-fold. First, China is perhaps the second strongest force in the world — after the U.S. but before the U.N. — yet the president will not do China the justice of settling the issue. Second, the very idea of spying is a Cold War remnant that



nobody seems to want to abandon. Bush might just start propping up anti-China authoritarianism in order to reenact the glory days of American imperialism; the former Soviet republics and Pakistan are ripe for modern-day Marcoses.

Countries are no longer eager for Yankee interventions on their behalf, however. Interventions have bothered Western Europe since the Monroe Doctrine, let alone the League of Nations. Former members of the Third World show exactly why they never chose in the first place: the Free World was messed up as well. Unwilling to stand in line for the American drill sergeant, such nations were instrumental in voting the U.S. out of two prominent United Nations bodies.

This is a result of outright nonconformity on the part of the U.S., always acting as either

the vanguard or the spoiler in U.N. endeavors. In this case, the Bush administration's conformism has had exemplary positive consequences, such as pushing for ever-stringent definitions of human rights. The appropriateness of the president's decision to persist without such seemingly vital officials as ambassadors, however, is another question.

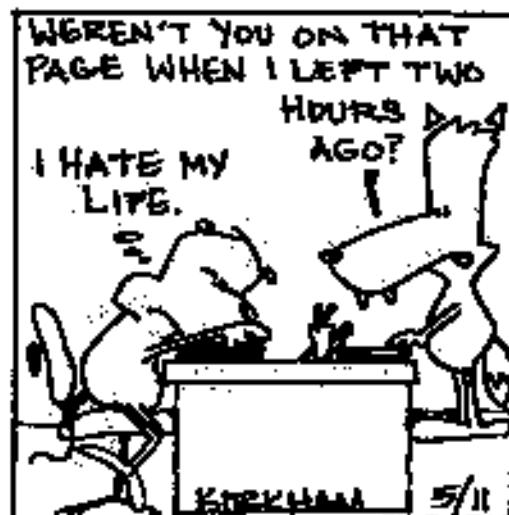
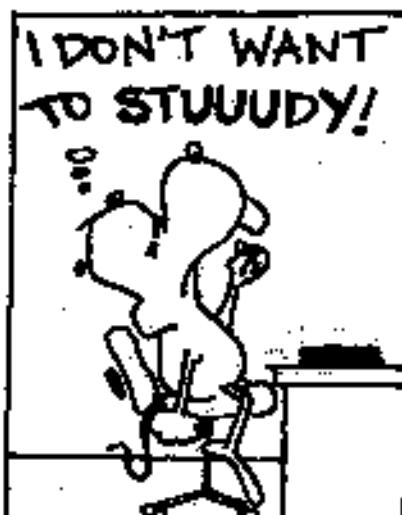
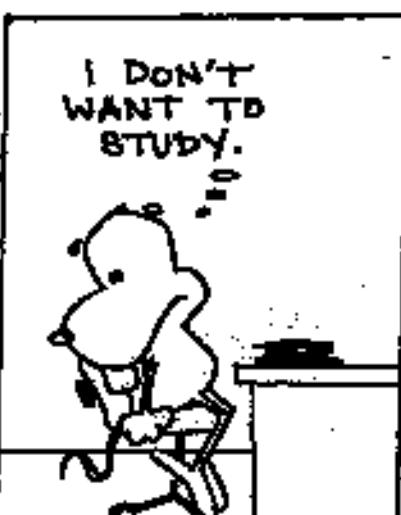
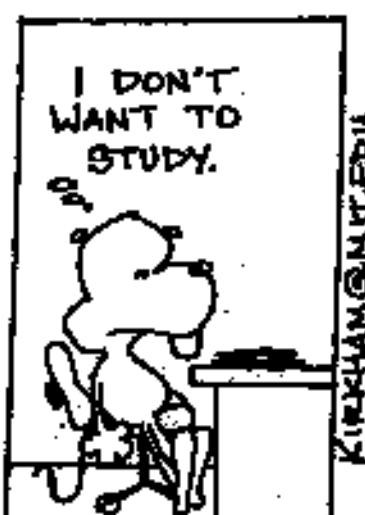
Some matters actually do show a measure of activism on Bush's part. He's been perfectly willing to sign or withdraw from various treaties and agreements, much to the chagrin of both domestic and international interests. It is an entertaining contrast for the public; a divisive "uniter," the aloof diplomat. Bush's mien, whether due to plain ignorance or a deliberate inertia, is not nearly so endearing to the outside world, which is much larger than he might recall.

Down with Science

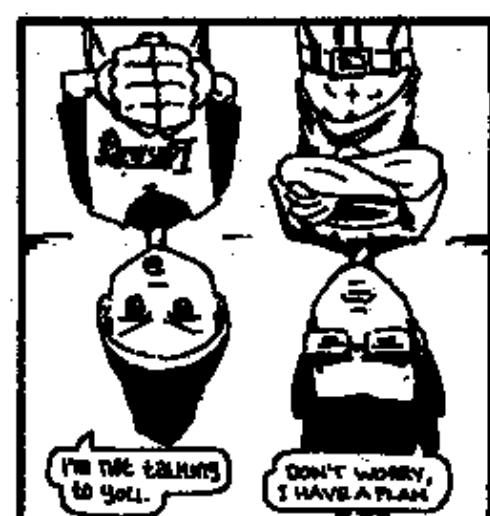
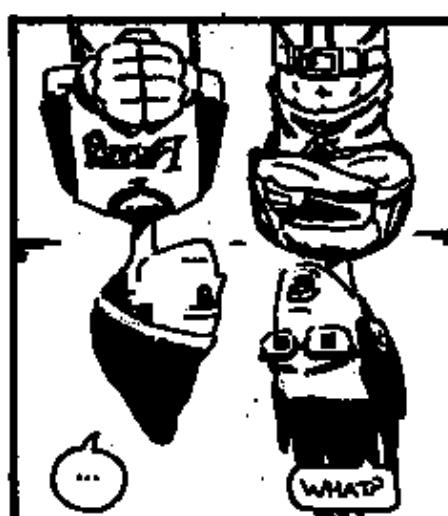
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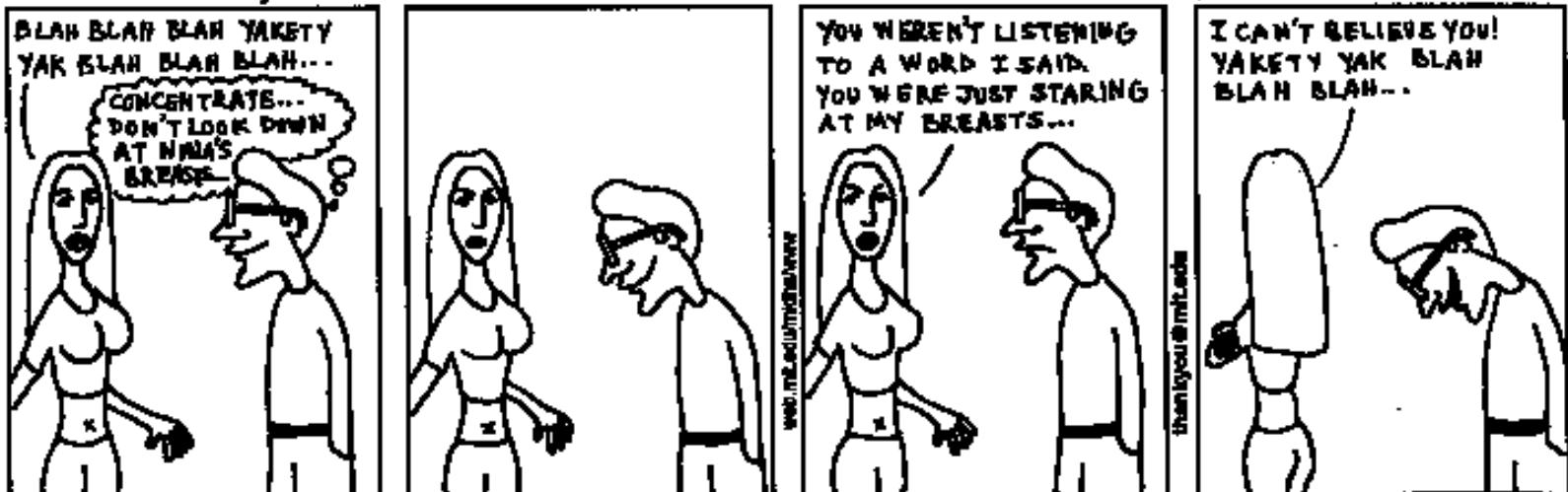
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Mat and Solar



Thank You for your Interest

**FoxTrot** by Bill Amend**Dilbert®** by Scott Adams**Fun With Clip Art**

Aaron Isaksen



"Just how you like it, Sir. Fresh from the co-pilot's bladder, with three ice cubes to cool it off."

Crossword Puzzle

Solution, page 19

TechCalendar

Visit and add events to TechCalendar online at <http://tech-calendar.mit.edu>

Friday, May 11

12:00 p.m. - 1:00 p.m. - **AI-Anon Open Discussion: AI-Anon Meeting.** Free. Room: E25-101.

12:00 p.m. - 1:00 p.m. - **FileMaker Pro User Group.** The MIT FileMaker User Group (fmug) was formed for people at MIT, from beginners to experts, who are using or interested in learning to use FileMaker Pro database software and related products. After several years of dormancy, the group has been revived to acknowledge increasing use of FileMaker products on campus and to help the user community transition to FileMaker 5. Free. Room: N42 Demo Center. Sponsor: Information Systems.

3:00 p.m. - 4:00 p.m. - **"The IBOT: A Design Case Study."** Free. Room: Wong Auditorium E-51. Sponsor: ME Seminar Series.

3:00 p.m. - 4:00 p.m. - **Department of Chemical Engineering Seminars.** Multiscale Modeling of Hard Materials: Structural Stability, Surface Reactivity, and Mechanical Reliability. Free. Room: Room 66-110. Sponsor: Chemical Engineering.

4:15 p.m. - 5:15 p.m. - **Cluster Algebras and the Laurent Phenomenon.** Refreshments will be served at 3:30 PM in Room 2-349. Free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.

5:00 p.m. - **Advanced Music Performance Concert.** Mathematics senior Dawn Perlner, violin. Beethoven's Sonata #8 in G Major (with Yukiko Ueno piano) Charles Shadle's Violin Sonata (with Charles Shadle piano). Sarasate's Romanza Andaluza and Jota Navarra (with Ray Perlner '04, piano). Free. Room: Killian Hall. Sponsor: Music and Theater Arts Section.

6:00 p.m. - 7:30 p.m. - **Prayer & Praise Night.** Join us as we worship and thank the Lord with songs and prayer! Free. Room: Student Center West Lounge (W20-201). Sponsor: Graduate Christian Fellowship.

7:00 p.m. - **LSC Presents: Snatch.** A botched diamond heist leads to a wild and tangled adventure involving gangsters, boxers, and a detailed look at the London underground. A stylized work with a gritty urban soundtrack and a cast of intricately developed characters, this film is a welcome follow-up to director Guy Ritchie's earlier *Lock, Stock, and Two Smoking Barrels*. Stars Academy-Award winner Benicio Del Toro as Franky Four Fingers. \$2.50. Room: 26-100. Sponsor: LSC.

7:30 p.m. - **LSC Classics Presents: Alfred Hitchcock's The Birds.** A terrifying film from the Master of Suspense, *The Birds* explores the relationship between man and nature, as birds attack a coastal California community. Stars Rod Taylor as Mitch Brenner and Tippi Hedren as Melanie Daniels. Based on a story from Daphne du Maurier. \$2.50. Room: 10-250. Sponsor: LSC.

8:00 p.m. - **Playwrights-in-Performance.** Three original student-written plays created during Theater Arts Course 21M.785 Playwright's Workshop: *Young and Healthy* by Anand Sarwate ('01, EECS); *Remote Intimacy* by Robert Burke (G, Media Arts and Sciences); *Ibiza* by Damian Isla (G, EECS). Directed by Associate Provost for the Arts Alan Brody. Free. Room: Kresge Rehearsal Rm B. Sponsor: Music and Theater Arts Section.

8:00 p.m. - **Resonance MIT A Capella Group.** The aural debut of MIT's newest coed secular a capella group. Guest group is "The Cliffe Notes" of Harvard-Radcliffe. Free. Room: 54-100. Sponsor: Resonance of MIT A Capella Group.

8:00 p.m. - **MIMEtype: "No Noise is Good Noise."** Join MIT's newest performance arts group for a fun-filled evening of mirth, merriment, and of course, mime. Free. Room: 3-133. Sponsor: MIMEtype.

8:00 p.m. - **MIT Symphony Orchestra.** Dante Anzolini, director. Tchaikovsky's Piano Concerto No. 1 (with Jonathan Lee '02, piano, winner of the 2000 MITSO Concerto Competition and student of David Deveau). Berlioz's *Symphony Fantastique*. \$2. Room: Kresge Auditorium. Sponsor: Music and Theater Arts Section.

10:00 p.m. - **LSC Presents: Snatch.** Please see 7:00 p.m. listing. \$2.50. Room: 26-100. Sponsor: LSC.

Saturday, May 12

3:00 p.m. - **The Chorallaries of MIT Spring Concert.** MIT's only coed, all-MIT, secular, non-jazz a cappella group premieres their new album. Free. Room: Rm 6-120. Sponsor: Chorallaries of MIT.

4:00 p.m. - **Cross Products Concert.** MIT's Christian a cappella ensemble. With Harvard's Under Construction. Free. Room: Rm 10-250. Sponsor: Cross Products.

5:00 p.m. - **Student Recital: Ole Nielsen (G), flute.** Bohuslav Martinu's Sonata for flute and piano (w/Yukiko Ueno, piano); Hector Villa-Lobos' *Assobio a Jato* (The Jet Whistle) (w/ Darius Torchinsky, cello); Sonata for flute and piano Carl Reinecke's *Undine* (w/Jaemin Rhee, piano). Free. Room: Killian Hall. Sponsor: Music and Theater Arts

Section.

7:00 p.m. - **Shadow of the Vampire.** A fictionalized account of the

MIT Department of FACILITIES
CAMPUS CONSTRUCTION UPDATE
MIT MUSEUM: Renovations are underway on both the interior and exterior. Jack hammering to repair spalled concrete on the first floor facade will continue until May 16.

WIND TUNNEL: Workers will scrape, power wash and paint the cylinder's exterior. Occupants in building 33 whose windows face east are advised to close their windows.

70 PACIFIC STREET (GRADUATE HOUSING): Waterproofing and backfilling of foundations may result in dust and mud, and cause noise in the surrounding area.

MEDIALAB

Utility relocation work at the intersection of Main and Ames Streets is progressing south towards Amherst Street. Some parking may be eliminated and traffic rerouted during 7:00-8:00. The installation of underground conduit banks will generate construction noise from machinery, trucks and equipment such as saws and jackhammers.

STATACENTER

Placement of concrete on the second underground level is underway. Truck deliveries may affect vehicular traffic and pedestrian wayfinding.

VASSARSTREET UTILITIES

Steel sheeting driven in by the railroad right of way may disrupt the occupants of nearby buildings including 44, 45 and 46. The digging of underground utilities behind buildings NW21, NW12, NW13, NW14 and NW15 may result in noise, dust and vibrations.

LOBBY 7

Preliminary testing of cleaning methods will be conducted this spring. Work this summer includes a cleaning of the dome and masonry lighting replacements, and the opening of the skylight.

This information provided by the MIT Department of Facilities:
web.mit.edu/facilities/www/construction/

TechCalendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the TechCalendar web page.

great German director F. W. Murnau's filming of *Nosferatu*, the first vampire film ever made. A combination of a horror movie and a commentary on the dirty secrets of movie-making, *Shadow of the Vampire* explores the supposition that *Nosferatu*'s mysterious lead actor, Max Schreck, did not merely play a vampire, but rather, was a vampire. Starring John Malkovich as Murnau, Willem Dafoe as Max Schreck, and Catherine McCormack as Great Schroeder, the lead actress whose neck is desired by the vampire. \$2.50. Room: 26-100. Sponsor: LSC.

8:00 p.m. - **Drumming a New World.** MIT Festival Jazz Ensemble, George Schuller, drum soloist and composer, Ilona Tipp, vocalist. World premiere of a work by George Schuller; Handy/arr. Brookmeyer's *St. Louis Blues*; Brookmeyer's *King Porter '94*; Mingus' *Sue's Changes*. Pre-concert talk at 7pm. \$2. Room: Kresge Auditorium. Sponsor: Music and Theater Arts Section.

8:00 p.m. - **Playwrights-in-Performance.** Three original student-written plays created during Theater Arts Course 21M.785 Playwright's Workshop: *Young and Healthy* by Anand Sarwate ('01, EECS); *Remote Intimacy* by Robert Burke (G, Media Arts and Sciences); *Ibiza* by Damian Isla (G, EECS). Directed by Associate Provost for the Arts Alan Brody. Free. Room: Kresge Rehearsal Rm B. Sponsor: Music and Theater Arts Section.

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8:00 p.m. - 12:00 a.m. - **MIT Ballroom Dance Team's Spring Fling.** Come the the MIT Ballroom Dance Team's Spring Formal Dance, SPRING FLING. Enjoy and elegant evening of Waltz's, Tango's, Cha Cha, Salsa, Foxtrot and much more.

Sunday, May 13

1:00 p.m. - 5:30 p.m. - **Ballroom Dance Lessons.** Merenge at 1pm, Int. Fox Trot 2 at 2pm, Bolero 3 at 4:30pm. Free social dancing from 3:30-4:30pm.. \$1 to \$5. Room: Sala de Puerto Rico. Sponsor: Ballroom Dance Club.

4:00 p.m. - **MIT Symphony Orchestra.** Dante Anzolini, director. Tchaikovsky's *Piano Concerto No. 1* (with Jonathan Lee '02, piano, winner of the 2000 MITSO Concerto Competition and student of David Deveau). Berlioz's *Symphony Fantastique*. \$2. Room: Kresge Auditorium. Sponsor: Music and Theater Arts Section.

7:00 p.m. - **MIT Chamber Music Society Concert.** The Chamber Music Society, coordinated by Professor Marcus Thompson, is comprised of students selected by audition to study and perform chamber music literature. All groups are coached by MIT faculty. Call to confirm.. free. Room: Killian Hall. Sponsor: Music and Theater Arts Section.

7:00 p.m. - **LSC Presents: Snatch.** A botched diamond heist leads to a wild and tangled adventure involving gangsters, boxers, and a detailed look at the London underground. A stylized work with a gritty urban soundtrack and a cast of intricately developed characters, this film is a welcome follow-up to director GuyRitchie's earlier *Lock, Stock, and Two Smoking Barrels*. Stars Academy-Award winner Benicio Del Toro as Franky Four Fingers.. \$2.50. Room: 26-100. Sponsor: LSC.

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Monday, May 14

12:00 p.m. - 1:30 p.m. - **Overview of Purchasing on the Web Quick Start.** This demo integrates all aspects of using SAPweb for purchasing including requisitioning external vendors, internal providers and preferred partners. In this session we will introduce the SAPweb requisitioning form, the new online catalogs and purchasing procedures for buying from preferred partner vendors, including Office Depot, VWR, BOC Gases and NECX. We will demonstrate how the new online ordering system interfaces with SAPweb and we will talk about how this new process differs from the ECAT purchasing process. free. Room: N42 Demo Center. Sponsor: Information Systems.

1:30 p.m. - 3:00 p.m. - **Building a Better MIT Community: Learning from the ATO Incident.** Discussion on diversity with students, faculty, and staff. free. Room: Wong Auditorium, E51. Sponsor: Graduate Student Council, Undergraduate Association, Committee on Campus Race Relations, Faculty Chair. Office of the Dean for Student Life, Alpha Tau Omega.

3:30 p.m. - 4:30 p.m. - **Hypersurfaces of constant Gauss curvature with prescribed boundary.** Free. Room: Room 4-159. Sponsor: Differential Geometry Seminar. Department of Mathematics.

MAKE SERIOUS MONEY

Project.. Student or Students, to produce a small water chiller using either thermo electric/heat exchange individually or in combination. If interested contact.. E-Mail, C.S.Goodman@verizon.net or 877-52Water(92837) or 781-449-9283

unique job opportunity

 
\$500 per week
minimum three commitment.
If you're interested in a job where you will earn up to \$500 per month on your new schedule, call 617-457-0644 for information on our unique open donor program. Only in this unique job can you earn extra income and help charitable couples realize their dream of becoming parents.

4:00 p.m. - 5:00 p.m. - **"Electrochemical Ceramic Interfaces".** CMSE Colloquium Series. free. Room: MIT Room 13-2137. Sponsor: Center for Materials Science & Engineering.

4:00 p.m. - **2001 Institute Awards Convocation.** Free. Room: Huntington Hall, 10-250. Sponsor: Office of Special Community Services.

5:00 p.m. - **MIT Chamber Music Society Concert.** The Chamber Music Society, coordinated by Professor Marcus Thompson, is comprised of students selected by audition to study and perform chamber music literature. All groups are coached by MIT faculty. Call to confirm. free. Room: Killian Hall. Sponsor: Music and Theater Arts Section.

5:00 p.m. - 6:00 p.m. - **A. D. Little Lectures in Physical Chemistry.** Lecture I: The Nature and Significance of Protein Folding. free. Room: 6-120. Sponsor: chemistry headquarters.

5:30 p.m. - 6:30 p.m. - **Investigative Bible Discussion.** Wanted: Students who are curious about 1. Who is Jesus?, and 2. How is He relevant to my life today? If that's you, join us for an interactive search through the Bible about Jesus's life and teachings. free. Room: Student Center Private Dining Room 2. Sponsor: Graduate Christian Fellowship.

7:00 p.m. - **MIT Chamber Music Society Concert.** The Chamber Music Society, coordinated by Professor Marcus Thompson, is comprised of students selected by audition to study and perform chamber music literature. All groups are coached by MIT faculty. Call to confirm. Free. Room: Killian Hall. Sponsor: Music and Theater Arts Section.



resonance.

**Friday, May 11th
54-100 8:00 PM**

Guest Group: Radcliffe 'Cliffe Notes

Resonance is: David Zych, Jay Humphries, Jon Sheffi, Sarah McDougal, Matt Leal, Usman Akeju, Rego Sen, Amrita Ghosh, Bo Zhao, Steve Niemczyk, Charlene St. Pierre, Sara Jo Elice, Sara Tenenbein, Dan Lowrey, Jessica Hinel

THE ARTS

ON THE SCREEN

— BY THE TECH ARTS STAFF —

The following movies are playing this weekend at local theaters. The Tech suggests using <<http://www.boston.com>> for a complete listing of times and locations.

- ★★★ Excellent
- ★★ Good
- ★ Fair
- ☆ Poor

Amores Perros (★★½)

A horrific car crash ties together the lives of five emotional refugees in what is certainly one of the most important cultural and stylistic movies to ever come out of Mexico. Beautifully shot (and gut-wrenchingly violent), *Amores Perros* is a must-see for devotees of international cinema, and for anyone interested in, or familiar with, Latin American culture. Look for more good things from a director hailed as the Tarantino of Mexican Cinema, Alejandro Gonzalez Iñárritu. — Jed Horne

American Desi (★★½)

MIT alumnus Deep Katdare stars as Krishna "call me Kris" Reddy, a young Indian-American so deeply assimilated by American culture that only a cute Indian-American girl can lure him back toward his native side. Writer/director Piyush Dinker Pandya sketches some hilarious portraits of kids caught between cultures, but ultimately the film seems to settle for being a very lighthearted and fairly uninteresting romantic comedy. Any serious issues surrounding cultural conflict are left entirely untouched. In the end, the film will only entertain those with a healthy appetite for Indian in-jokes. — Amandeep Loomba

Blow (★★★)

Johnny Depp plays George Jung, the ambitious young capitalist responsible for creating the Colombian cocaine drug trade. Nick Cassavetes's and David McKenna's script seems to overly sympathize with Jung and omits the ruthlessness commonly associated with cocaine trafficking. However, director Ted Demme's biopic does rise above its own shortcomings. With a great lead turned in by Depp and a wonderful supporting role from Ray Liotta, *Blow* does deliver and is one of the better films available in current release. — Joseph Graham

Bridget Jones's Diary (★★★)

Starring Renée Zellweger, Colin Firth, and Hugh Grant, *Bridget Jones's Diary* is an entertaining screen adaptation of Helen Fielding's novel. For any girl that has ever struggled with weight, cooking, or men, this movie is a good laugh and shows what one often would like to say but refrains from saying. However, if you're



ILM

Before an angry god changes his fate, *The Scorpion King* (The Rock, of all people) unleashes his fierce battle cry.

in the mood for a large amount of action or very deep drama, don't choose this movie. — Pey-Hua Hwang

Center of the World (★★½)

Wayne Wang's new film revolves around the sort-of-creepy but endearing Richard (Peter Sarsgaard of *Boys Don't Cry*), a dot-com millionaire with a Petrarchian fascination for Florence (Molly Parker), a stripper of the watch-but-don't-touch variety. After he convinces her to spend three nights in Vegas with him for ten thousand dollars and a promise to uphold a contract (no actual sex, no kissing on the lips, visitation privileges between 10 p.m. and 2 a.m.), the emotional stakes rise and the relationship spirals out of control. Three nights, two hookers and five latex dresses later, Richard and Florence are left to pick up the pieces. Moral of all the pretense? Don't bring a frigid bitch with you to Vegas. — JH

Crocodile Dundee in Los Angeles (★★)

Paul Hogan returns as the Outback's famous Croc-hunter Mick Dundee and the only thing different this time out is the film's setting. Mick deadpans his way through all the LA hot spots like the proverbial fish out of water, again. Fans of the popular original *Dundee* flick(s) may enjoy the third installment as long as nothing new is expected. — JG

Driven (★★)

Director Renny Harlin mixes stock

footage, choreographed stunt driving, and computer generated effects with very impressive results. Unfortunately, Sylvester Stallone's screenplay lacks any kind of convincing human drama. *Driven* provides plenty of action while the story and characters take a back seat. — JG

Freddy Got Fingered (★★)

A bizarre, incompetent son, Gordon (Tom Green), encounters lame jobs, love, wild animals, and shocked people in his hilarious, action-packed quest to please his slightly disturbed, controlling father (Rip Torn). *Fingered* makes for a must-see for fans of Green's television show, which is essentially duplicated in the movie. — Sandra Chung

Heartbreakers (★★)

Sigourney Weaver and Jennifer Love Hewitt star as a devilishly crude mother-and-daughter conning team. The mother hooks a rich bachelor, marries him, and catches him in a compromising position with another woman (her daughter). Acted poorly, written decently, the only merits of the movie stem from its unorthodox and frighteningly unbelievable theme. — Devdoot Majumdar

Memento (★★★½)

Christopher Nolan's *Memento* is a puzzle box of a movie, breaking up its narrative and shifting it in time, and is superbly successful in putting the audience in the same frame of

mind as the ticking bomb of a protagonist, who is pursuing a criminal while suffering from memory loss. Top-notch suspense, dark comedy, and abundance of meaning make this a movie to be remembered. About half of the cast of *The Matrix* appears in colorful supporting parts. — Vladimir Zelevinsky

The Mummy Returns (★★½)

A bigger film than the first on the scale of action sequences and digital special effects (which make for a truly spectacular last half an hour), but less funny - and thus less enjoyable. Brendan Fraser still uses his great comic timing, but the plot is just a sequence of unnecessarily slowly-moving plot devices involving overly elaborate and exotic deaths.

One Night at McCool's (★★★)

Liv Tyler shines as a seductress with an unexpected ulterior motive who brings passion, crime, and happiness into the lackluster lives of three very different men. — SC

You Can Count On Me (★★★½)

Winner of the 2000 Cannes Grand Jury Prize, this is a poignant film about a sister and a brother. Offering provocative writing, sincere acting and engaging editing, this film treats you like a friend who's been inadvertently asked to sit in the living room as a family drama begins unfolding. The characters are real and their challenges tangible. — Erik Blankenship

Enders' Zone A Dud

Oh, What It Could Have Been...

By Chad Serrant

STAFF WRITER

Zone Of The Enders
Konami, \$49.99
Rated M

It took only two-thirds of a year to make, but there is finally a Playstation 2 game that couldn't have been made on the Sega Dreamcast. *Zone Of The Enders* is a visual feast that will delight anyone who's looking at it. But as I said before, graphics make not a game.

The story is ... well, the in-game story doesn't explain much. An army of large robots (or mechs, if you will) attacks a colony outside of the planet Jupiter. A young boy named Leo runs for his life and ends up in the cockpit of a super-advanced "model," named Jehuty. He later discovers that the Jehuty is an instrumental weapon in a rebellion of some sort, and receives instructions to deliver it to a transport ship.

Beyond that point, the game does not really explain the background story. I don't know why

I'm here, I don't know what the Armada is after, and I don't know what an "Ender" is, although the game frequently refers to them. Unless you check out the web site <<http://www.konami.co.jp/kcej/products/zoe/>>, you won't know a thing about the game. And I shouldn't have to check out a web site to get the main story; that's what instruction manuals are for.

But when you start the game, you won't care. The PS2 controller (finally) offers optimal play control, and allows you to travel in all three dimensions without funky camera problems or conflicting controls. And this game actually uses the right analog stick.

Everything seems to be good at first, but then the actual gameplay sets in. Basically, enter area, destroy enemy squads, get passcode, get new weapon, leave area. The battle scenes are great, but there are only seven or eight different kinds of enemies. And when you have to fight hundreds of identical mechs, that creeping feeling of boredom will grow on you very quickly. It's a mixed blessing that the game is short (three to five hours, max).

The game has five bosses with set attack patterns, weaknesses, and taunts. In a move oddly reminiscent of

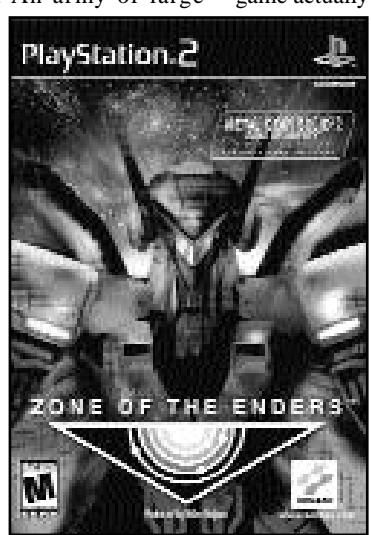
StarFox, the game requires you to use the right weapon at the right time. Those moments were fun, but after you send the boss reeling, it's back to the banal world of "passcode-hunt."

The graphics for this game are incredible, and the models are great (not as cool as *Onimusha*) despite their limited variety, and the runtime screen effects are beautiful to look at. The game engine can handle multiple objects with no slowdown at 60 frames per second.

The sound helps to set up the mood. Finally, someone used techno music the way it should have been used — in a futuristic game. The tracks are techno, but not the generic techno crud that rattles in my ears every time I play an "extreme" sports game. The combination of the music and the mood makes your playing experience totally rad to the max.

The story and vocalization was pretty terrible, though. For one thing, the voices are pretty lousy, ranging from okay to terrible. (Note: I wish Celvice would shut up. I really do. I don't need someone congratulating me for every minor accomplishment I make.)

Another thing, if you're going to have voices that suck that much (with no lip sync to accompany it, by the way) at least have an



ARTWORK COURTESY KONAMI



available Japanese soundtrack. *Onimusha* did it. *The Bouncer* did it. And both of those included a Japanese track while still being crammed with full motion video sequences, so there is no excuse. The story could have been cool, but it has so many vocalization problems.

The two player mode is practically nonexistent, so it's not even worth mentioning. This game could have been so much better, but limited gameplay and terrible localization ruins one of the greatest visual and aural treats you can find on the PS2.

Graphics 9.5	Gameplay 4.5
Sound 9.5	Replay Value 2.0
Overall Rating 6.5	

ALL SCORES
OUT OF 10

Clubs

Axis
13 Lansdowne St., 617-262-2437

Sundays: See Avalon below.
Mondays: *Static*. Gay, casual dress. \$5, 18+.
Thursdays: *Chrome/Skybar*. Progressive house, soul, disco; dress code. \$10, 19+; \$8, 21+.
Fridays: *Spin Cycle*. Progressive house, 80s. \$12, 19+; \$10, 21+.

Avalon
15 Lansdowne St., 617-262-2424

Sundays: *Gay Night* (with Axis on long weekends). Featuring hardcore house and techno. \$10, 21+.
Thursdays: *International Night*. Eurohouse. \$10, 19+.
Fridays: *Avaland*. House. \$15, 19+.
Saturdays: *Downtown*. Modern house, club classics, and Top 40 hits. \$15, 21+.

Circle
Every Tuesday, 9 p.m.-1 a.m. A small but energy-filled place to hear local DJs spin a range of techno/trance. No age restrictions, no dress code. At the VFW, 371 Summer St, Somerville (take the Red Line to Davis Square). \$5, \$1 before 9:30.

Karma Club
9 Lansdowne St., 617-421-9595

Sundays: "Current dance favorites" by guest DJs. Cover varies.
Tuesdays: *Phatt Tuesdays*. With Bill's bar, modern dance music. \$10.
Wednesdays: *STP*. Gay-friendly, house. \$15, 21+.
Thursdays: *Groove Factor*. House.
Fridays: *Pure*. Drum and bass, guest DJ. \$15, 19+.
Saturdays: *Elements of Life*. International House. \$15.

ManRay
21 Brookline St., Cambridge, 617-864-0400

Wednesdays: *Curses*. Goth. Appropriate dress required. \$5, 19+; \$3, 21+. Thursdays: *Campus*. Popular tunes + House. Gay, casual dress. \$10, 19+; \$7, 21+. Fridays: *Fantasy Factory* (First and third Friday of the month). Features kinky fetishes and industrial music.) *Hell Night* (every second Friday, 19+. Includes Goth music.) *Ooze* (the last Friday of the month.) \$10, 21+, reduced prices for those wearing fetish gear. Saturdays: *Liquid*. Disco/house + New Wave. \$15, 19+; \$10, 21+.

Popular Music

Axis
13 Lansdowne St., 617-262-2437

Next: 423-NEXT

May 14: Kottonmouth Kings.

Avalon
15 Lansdowne St., 617-262-2424

May 11: Jonatha Brooke.
May 12: DJ Keoki.
May 13: Psychedelic Furs.
May 13: Government Mule.
May 18: Sandra Collins.

Berklee Performance Center
Berklee College of Music
1140 Boylston St.
Free student recitals and faculty concerts, 4 p.m. and 7 p.m. some weekdays. For info on these concerts, call the Performance Information Line at 747-8820.

Jun. 2: Dells.
Jul. 25: Rhythm of Love.

Club Passim
47 Palmer St., Cambridge, 617-492-7679

Tuesdays: Open Mic at 8 p.m. (sign up at 7:30). \$5.

May 11: Lucy Kaplansky, Alice Peacock.
May 12: Falcon Ridge Preview Tour.

May 15-16: Cris Williamson.
May 17: Steph Corby and Barbara Phaneuf.

May 18: Bill Morrissey, Karaugh Brown.

May 19-20: Christopher Williams, Brian Joseph.

May 23: Rosalie Sorrels.

May 24: Leslie Helpert.

Fleet Center

Ticketmaster: 931-2000.

Jun. 5-6, 8-9: U2. Sold out.

The Middle East

Central Square, 354-8238

Ticketmaster: 931-2000.

May 11: Mr. Lif.
May 11: Johnny Wishbone.

May 12: Am Stereohigh Ceilings.

May 13: Cappadonna remedy.

May 16: Truckerpsychotic Larry.

Orpheum Theatre

On The Town

A weekly guide to the arts in Boston

May 11 - 17

Compiled by Fred Choi

Send submissions to ott@the-tech.mit.edu or by interdepartmental mail to "On The Town," The Tech, W20-483.



TECH FILE PHOTO

The 2001 Boston Pops season has begun. Conductor Keith Lockhart leads the way.

1 Hamilton Pl., Boston, 617-679-0810
Ticketmaster: 931-2000

May 25: Robert Plant.
Jun. 9: Lil Bow Wow.

Tsongas Arena
Lowell, MA
Ticketmaster: 931-2000.

May 20: Royal Hanneford Circus.
Jun. 22: Green Day.

Tweeter Center for the Performing Arts (Great Woods)
885 South Main St., Mansfield, MA 02048
Ticketmaster: 931-2000

Jun. 11: The Black Crowes and Oasis.
Jun. 22: The Allman Brothers Band.
Jul. 25: Bon Jovi.
Aug. 8: Ozzfest 2001.

Jazz Music

Regattabar
Concertix: 876-7777
1 Bennett St., Cambridge 02138, 617-662-5000

May 11-12: Gonzalo Rubalcaba Trio.

May 15-16: Greg Osby Quartet.

May 19: Bruce Katz Band.

May 22: Laszlo Gardony.

May 23-26: Elvin Jones Jazz Machine.

May 30: David Maxwell's Maximum Blues.

Jun. 1-2: Bob Dorough & Dave Frishberg.

Jun. 7-8: Gary Burton.

Jun. 7-8: Makoto Ozone.

Jun. 2: Dells.

Jul. 25: Rhythm of Love.

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Orpheum Theatre

1140 Boylston St., Boston, 617-492-7679

Ticketmaster: 931-2000.

May 20 at 7:30 p.m.: Best of Broadway. Bruce Hangen, conductor; Boston Conservatory Theater Division, special guests. Enjoy an enchanted evening with memorable hits from Broadway's finest. The Boston Pops, along with members of the Boston Conservatory's Musical Theater Division, bring

Theater

Les Misérables

Through May 20: The classic Broadway epic returns to Boston. At the Colonial Theatre (106 Boylston St., Boston). Show is at 8 p.m. except for Sundays (shows at 1:30 p.m. and 7:30 p.m.), matinee Apr. 21 (2 p.m.) and no show Mondays. Tickets: General: \$24, \$54, \$64, \$69, \$74. Call

248-9700 for more information and a complete schedule.

Blue Man Group

Charles Playhouse, 74 Warren Street, Boston, indefinitely. Curtain is at 8 p.m. on Wednesday and Thursday, at 7 and 10 p.m. on Friday and Saturday, and at 3 and 6 p.m. on Sunday. Tickets \$35 to \$45. Call 426-6912 for tickets and information on how to see the show for free by ushering.

Gallery Lectures

Permanent Gallery Installations: "Late Gothic Gallery," featuring a restored 15th-century stained glass window from Hampton Court, 14th- and 15th-century stone, alabaster, and polychrome wood sculptures from France and the Netherlands; "Mummy Mask Gallery," a newly renovated Egyptian gallery, features primitive masks dating from as far back as 2500 B.C.; "European Decorative Arts from 1950 to the Present"; "John Singer Sargent: Studies for MFA and Boston Public Library Murals."

Gallery lectures are free with museum admission.

Museum of Science

Science Park, Boston. (723-2500), Daily, 9 a.m.-5 p.m.; Fri., 9 a.m.-9 p.m.; Sat.-Sun., 9 a.m.-

5 p.m. Admission free with MIT ID, otherwise \$9, \$7 for children 3-14 and seniors.

The Museum features the theater of electricity (with indoor thunder-and-lightning shows daily) and more than 600 hands-on exhibits. Ongoing: "Discovery Center"; "Investigate! A See-For-Yourself Exhibit"; "Science in the Park: Playing with Forces and Motion"; "Seeing Is Deceiving."

Ongoing: "Friday Night Stargazing," Fri., 8:30 p.m.; "Welcome to the Universe," daily; "Quest for Contact: Are We Alone?" daily. Admission to Omni, laser, and planetarium shows is \$7.50, \$5.50 for children and seniors.

Exhibits

Institute of Contemporary Art

955 Boylston St., Boston, 02115, 617-266-5152 (Hynes Convention Center T-stop). Gallery hours: Wed., Fri., 12-5 p.m., Thurs., 12-9 p.m., Sat. and Sun., 11 a.m.-5 p.m. Small museum which features a wide variety of contemporary conceptual art with shows which emphasize artists from outside the United States. Admission \$6 adults, \$4 students and seniors, free to children under 12 and members. Admission free on Thursday evenings after 5 p.m. Wheelchair accessible. For more information visit icaboston.org.

Isabella Stewart Gardner Museum

280 The Fenway, Boston. (566-1401), Tues.-Sun., 11 a.m.-5 p.m. Admission \$10 (\$11 on weekends), \$7 for seniors, \$5 for students with ID (\$3 on Wed.), free for children under 18. The museum, built in the style of a 15th-century Venetian palace, houses more than 2,500 art objects, with emphasis on Italian Renaissance and 17th-century Dutch works.

Among the highlights are works by Rembrandt, Botticelli, Raphael, Titian, and Whistler.

Other

The Divine Comedy of Federico Fellini

May 25-Jun. 29: The Harvard Film Archive presents a selection of fifteen films by the man they called *il maestro*, comprising some of the most compelling and original visions of the late twentieth century. The festival includes screenings of: *8 1/2*, *Nights of Cabiria*, *Juliet of the Spirits*, and *Fellini Satyricon*. Call 617-495 4700 for more info. or visit www.harvardfilmarchive.org for a complete schedule.

All festival films will be screened at Harvard Film Archive, located at the lower level of the Carpenter Center for the Visual Arts, 24 Quincy St. Cambridge. Tickets \$7, \$5 students, seniors. Tickets may be purchased at the Harvard Box Office, located at: Holyoke Center Arcade, 1350 Massachusetts Ave., Cambridge, MA. For ticketing info, call 617-496-2222 or TTY: 617-495-1642.

May 31 at 8:30 p.m. and Jun. 4 at 9 p.m. *Nights of Cabiria* (*Le Notti di Cabiria*) (dir. by Federico Fellini, Italy 1956, 35mm, b/w, 117 min.) With Giulietta Masina, Francoise Pirier, Amedeo Nazzari. In Italian with English subtitles.

The second of Fellini's films to win an Academy Award for Best Foreign Film, *Nights of Cabiria* is the poignant tale of a naive prostitute who searches for love and fulfillment in the string of men she meets. This version is the recently restored full-length version, which greatly improves the murky quality of available American-release prints and includes a previously banned seven-minute sequence which Fellini was forced to cut, reportedly under pressure from the Church.

17th Annual Boston Gay & Lesbian Film/Video Festival

Through May 20. Tickets \$9 (students, seniors, members \$8). Tickets for "Chrissy" on May 20 are \$5. Festival highlights include: *J Hedwig and the Angry Inch* (May 10), winner of the Sundance Film Festival Audience and Director awards; and *Nico and Dani* (May 18), winner of the Youth Award at the Cannes Film Festival.

Fri. May 18, 8:20 pm: *Nico and Dani* by Cesc Gay (Krempack, Spain, 2000, 90 min.). Winner of the Prix de Jeunesse (Youth Award) at Cannes, this sensitive, seriocomic coming-of-age film explores the fragile emotions of adolescent sexual experimentation. Best friends Dani and Nico spend ten days together at a beach house on the coast of Spain. With extraordinary tact, the film observes the boys' explorato-



JOSEPH ASTOR

ATO Case Will Go Before IFC

By Matthew Palmer
NEWS EDITOR

The Interfraternity Council Judicial Committee has charged MIT's Alpha Tau Omega fraternity with three counts relating to the altercation between some fraternity brothers and The Roots band two weeks ago.

At an IFC Executive Board Review on Wednesday, JudComm and ATO will discuss the facts of the case and possibly determine a punishment.

The IFC has charged that ATO violated parts of the IFC's risk management policies, according to IFC JudComm Chair Thomas B. Fisher '02.

Specifically, Fisher alleges that ATO failed to register a small event where alcohol was present (namely, the roofdeck gathering of people), thereby failing to comply with state law, and that their actions were, according to the policy, "detrimental to the reputation of the MIT Community, the Interfraternity Council and its members."

The Executive Review comes after ATO has sanctioned itself, and has been punished by the administration, over the weekend of the incident.

Still, Fisher said he feels the review is warranted. "That's the duty of JudComm — to file charges when it feels the policies have been

violated," he said.

ATO is "a member of our community that had violations," IFC President Rory P. Pheiffer '02 said about the need for the Executive Review.

ATO President Erik M. Glover '02 said he generally agrees with the conclusions of the IFC's investigation of the incident. ATO has yet to enter a plea.

"We are all embarrassed about the situation. It was certainly damaging to ATO's image and MIT's image."

— Erik M. Glover '02

Review, MIT will hold an Institute-wide forum on Monday entitled "Building a Better MIT Community: Looking Beyond the ATO Incident."

The incident between ATO and The Roots occurred two weeks ago, when the band was invited to MIT to open the Spring Weekend Concert. The word "bitch" and racially charged comments from one ATO brother led to a physical altercation between the band and fraternity members on ATO's roofdeck. An investigation of the scene shortly afterwards revealed that ATO had alcohol at its roofdeck party.

IFC questions unregistered event

Glover said he felt some of the IFC's rules that ATO is being charged with breaking are unclear. "Looking at the risk management policy, there are gray areas, especially in defining an event," he said.

He disagreed that the gathering on the roof of ATO the day of The Roots concert was necessarily what the IFC rules would require to be registered. "We did not necessarily know that would be considered a small event because of the ratio [of people present]," Glover said.

He refers to what the IFC defines as "Small Events with Alcohol Present." According to the risk management policies, they are defined as "events in which the ratio of guests to members that live in the house does not greatly exceed one to one." These events need to be registered with the IFC JudComm at least three days in advance, which the roofdeck gathering was not.

In clarifying the rules, Glover said he hopes to "try to work with the IFC to help them grow."

Incident hurt IFC reputation

ATO has also been charged with damaging the reputation of the IFC through the racial comments some of the brothers said to The Roots.

"The incident itself has resulted in the IFC community, specifically fraternities, being criticized," Pheiffer said.

"We're all embarrassed about the situation," Glover said. "It was certainly damaging to ATO's image and MIT's image."

In addition, the IFC charges that ATO was in violation of part of Article 11 of its policies, which states that "The event must comply with all other pertinent rules and regulations including MIT policy, Massachusetts State Law, municipal ordinances, and the IFC Community Relations By-Laws."

"Executive Review is typically used when the facts are less disputed," Fisher said. At the review, which he called a "common procedure," Fisher will explain the findings of JudComm and Glover will respond. Pheiffer will moderate the review procedure.

CLC intervention is possible

Because of the presence of alcohol at the incident, there is the potential for the Cambridge License Commission to also administer punishment directed towards ATO.

"That's the big fear here — what might happen with the CLC," Glover said. He said he hoped that after ATO's self-imposed actions, the punishment by the administration, and possible action by the IFC, that the CLC will feel enough has been done. He also said he hopes that "MIT will back us up on this one."

"Ideally, the actions we take will be seen as sufficient ... to correct the situation," Pheiffer said. "Based on our investigation, the Executive Review, and the police report, the CLC will decide."

Actions the IFC takes after its Executive Review may be a determining factor in whether the CLC decides to step in on the matter.

However, Fisher said this possibility did not weigh into JudComm's decision to charge ATO. "The CLC is not a factor in deciding to file charges," he said.

Is Your Future Up in the AIR or in SPACE?

If so we can put you on the right flight plan for your future! **CONTACT:** Major Wayne E. Daniels
Email: wdaniels@mit.edu

Be an Aerospace Engineer!

Be a Fighter Pilot!

2001 Awards Convocation

**Monday, May 14, 2001
4:00pm • Huntington Hall • 10-250**

Reception to follow ceremony in Lobby 10

William J. Newhall Jr. Award
Harold J. Farley Law Award
Dexter Paul Award
Anton Edward L. Gertner Award
Berry Minton Award
Howard R. Johnson Award
Makarla S. Wright Award
Barbara K. Kullberg Jr. Outstanding Service Award
Order of Olafur, New Zealand
Schwartz Award
D. Reid Morris '41 Award
Metzler Award
Frederick Cardiner Bassett, Jr. Award
Edward L. Horan Fellowship Award
Linda Sauer Award for the Most Significant Improvement in MIT Education
Bruce E. Peiffer Award
Graduate Student Council Tradition Award
Graduate Medal

Frances M. Baker Distinguished Service for Excellence in Undergraduate Teaching
How Award for Excellence in Teaching
Arthur C. Smith Award
Albert G. Witte Prize
Eva M. Werner Award
Lora Fletcher Commemorative Award
Ronald H. McNair Scholarship Award
Association of MIT Alumnae (AMTA) Senior Academic Award
LBCI Service Award
Terry Foster Price in the Arts
Gwendolyn B. Werner Award
Harold and Irene Goldstein Prize in the Visual Arts
Priscilla King Gray Award for Public Service
James N. Murphy Award
Lorraine V. Miller Award
Erik Tackfett Citation Prizes

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

EECS, Management Leading Majors for Class of 2004

By May Zhou

STAFF REPORTER

Results from this year's freshmen major selections have arrived, and Electrical Engineering and Computer Science, Management, and Biology remain the three most popular major choices.

Of the 989 students in the Class of 2004, 928 declared a major, 15 chose to remain undeclared, and 46 are missing forms, as reported by the Registrar's Office.

Most students expressed a mixture of excitement and nervousness. "I was nervous for a little while," said Lisa M. Bell '04, who will major in economics. "Then I realized whatever I did could be changed if I didn't like it, plus I realized that it was all about exploring anyway, so it became more about choosing what I wanted to find out about myself."

Departments see minor changes

The overall distribution of majors among the five academic schools continues to follow past trends.

As in previous years, the School of Engineering is again the most popular school, attracting about 53 percent of the freshmen class. The School of Science came in second with 25 percent, and the Sloan School of Management rounded out the top three with 11 percent.

Across the departments, however, trends have shifted.

One notable change is the arresting of a steady growth pattern in the Department of Electrical Engineering and Computer Science (EECS). While continuing to be the most popular department at MIT, Course VI has experienced a drop of about 40 to 50 majors compared to last year.

There are three reasons for that, according to Anne M. Hunter, Administrator of the EECS Bachelor's Programs and the Master of Engineering Program.

"First, it's because of the economy, especially as it affects the job market," said Hunter. "Second, students who want both VI and XV [Management] are going ahead to declare XV first. The third reason is that the freshman class size is down to about 1,000. It used to be around 1,030 to 1,070.

"We're very happy about this," added Hunter, who pointed out that such a decrease in size would better enable the department to address the needs of individual students.

The Department of Chemical Engineering, usually one of the more popular majors, experienced a lower than average yield of 40 freshmen, or about four percent of the Class of 2004.

Meanwhile, the Sloan School of Management, the second most popular major choice, continues to grow with 109 freshmen this year, partly because of incentives created by the Sloan bidding system.

"I chose [Course] XV because I want to make money," said Nick Baksh '04. "I like the fast-paced and risk-filled world of industry today."

Some of the smaller departments, such as the Department of Ocean Engineering, have been actively trying to draw new majors with special programs and open houses.

"Our Pre-Orientation program was well-received, although we were hoping it would attract more freshmen and sophomores," said Sharon H. Trohon, Administrative Officer for Ocean Engineering. The department has grown from only seven undergraduates four years ago to its current number of 14.

Open Houses help Freshmen

When asked about their choice of major, freshmen cited various deciding factors.

Many took advantage of the departmental open houses during the first weeks of April to gain a better sense of each major's academic focus and career opportunities. Students sought additional information,

especially about the smaller departments, by asking upperclassmen, professors, and advisers.

"I met for less than ten minutes with my adviser," Bell said about the selection process. Bell said that her adviser took much of the pressure off of the seemingly weighty decision. "He basically told me to do whatever I was interested in, and to not be afraid because if I decided to switch, it was no big deal."

"I chose to be Course IX because I like 9.00 and because I really didn't like physics," said Michelle S. Machon '04, who is also considering minoring in mathematics. "I thought about being an engineering student, but I realized that physics was so tough for me ... I didn't want to struggle throughout my four years here and I wanted to enjoy what I studied."

First year influences major choice

For some freshmen, experiences in certain classes became important influences, both positive and negative.

Clarissa Y. Smith '04, who declared Course XXIV, Linguistics and Philosophy, attributed her decision to a class. "I enrolled in 24.900, Intro to Linguistics, and the class was just very intriguing."

Also affecting the decisions of many freshmen was the level of student-faculty interaction.

"I intend on doubling in VI and XI [Urban Studies and Planning]," said Sean J. Leonard '04. "But I chose Course XI first because I wanted to be associated with a smaller major ... [where] there's a faculty focus and opportunities such as a department field trip that large departments do not offer."

Students who have not yet selected a major may do so anytime during their sophomore year.

Majors Declared By the Class of 2004

Source: Registrar's Office

SCHOOL OF ARCHITECTURE		
Architecture (IV)	17	
Urban Studies & Planning (XI)	2	
SCHOOL OF ENGINEERING		
Civil & Environmental Eng. Unspecified (I-A)	1	
Civil Engineering (I-C)	12	
Environmental Engineering (I-E)	9	
Mechanical Engineering (II)	63	
Mechanical Engineering Unspecified (II-A)	6	
Materials Sciences & Engineering (III)	18	
Materials Sciences Undesignated (III-A)	2	
Materials Sciences Engineering (III-B)	9	
Archeology & Materials (III-C)	2	
Electrical Engineering (VI-1)	40	
Electrical Engineering & Computer Science (VI-2)	192	
Computer Science (VI-3)	70	
Chemical Engineering (X)	40	
Ocean Engineering (XIII)	3	
Aerospace Engineering (XVI-1)	47	
Aerospace Eng. with Information Technology (XVI-2)	11	
Nuclear Engineering (XXII)	2	
SCHOOL OF HUMANITIES, ARTS & SOCIAL SCIENCES		
Economics (XIV)	20	
Political Science (XVII)	2	
Language & Mind (XXIV-2)	1	

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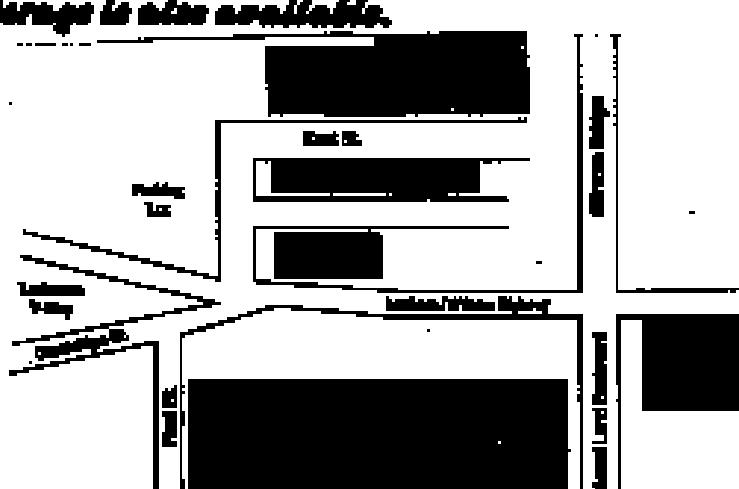
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Bacow to Leave MIT

Bacow, from Page 1

"I am currently in Greece on MIT business, so I will visit the Oracles at Delphi to seek their suggestions," Vest said.

On a more serious note, Vest said that he is "giving considerable thought to best structure and people for the administration going forward. I place great emphasis on having a leadership team having complimentary talents and expertise."

Residential life Bacow's legacy

As Bacow departs for Medford, he leaves behind a legacy of ambitious long-term plans, some of which have brought about contentious relations with students.

Bacow mentioned the redesign of the residence system as an important part of his MIT legacy. The redesign, based heavily on his 1999 report, combined student interests with the requirement to house all freshmen on campus in 2002. Bacow's plan was praised by student leaders at the time.

"MIT is losing someone who played a strong role in shaping this campus as we move into the next century, and his presence will be missed here," said Undergraduate Association President Peter A. Shulman '01.

However, recent student life decisions made under Bacow have drawn criticism from the student body. Early in the academic year, students criticized the administration's plan to place TEAL, a new physics program, into the Student Center's fifth floor reading room. Many claimed that this represented an unwelcome intrusion of academic life into student territory.

Students protested more recently after the preliminary description of a Residence-Based Advising program was leaked to students. Under the proposal, administrators would live

with students in undergraduate and graduate dormitories. Both proposals were eventually modified by the administration after students voiced their concerns.

Bacow responded by saying that initiatives like TEAL and RBA were critical in reaching his goal of integrating students and faculty. "Massachusetts Avenue should not be a wall," he said. "We need more integration." In his view of the MIT experience, Bacow said that students would benefit greatly from getting to know at least one faculty member well enough "to keep in touch for the rest of their lives."

As chancellor, Bacow worked to support a variety of programs that brought students and faculty together, participated in student-faculty activities like Leadership, Stochastic Student Dinners, and served as faculty adviser to the Zeta Psi fraternity.

Bacow impacted athletics program

The state of MIT athletics also reflects Bacow's legacy at MIT. Under his administration, the Institute increased funding for athletics by 30 percent, added new varsity sports, and began work on the \$45-52 million Zesiger Center. At the same time, however, junior varsity teams were removed from the athletics budget.

"If you're going to have an excellent [athletics] program," Bacow said, "you need to make hard choices." He added that the decisions made would provide a long-term benefit to the Institute's athletic life.

Bacow said that the Cambridge-MIT Institute would also mark his legacy. "Our students who are over there [in Cambridge] are having a great time," Bacow said, adding that he looks forward to the expansion of the program this year.

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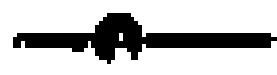
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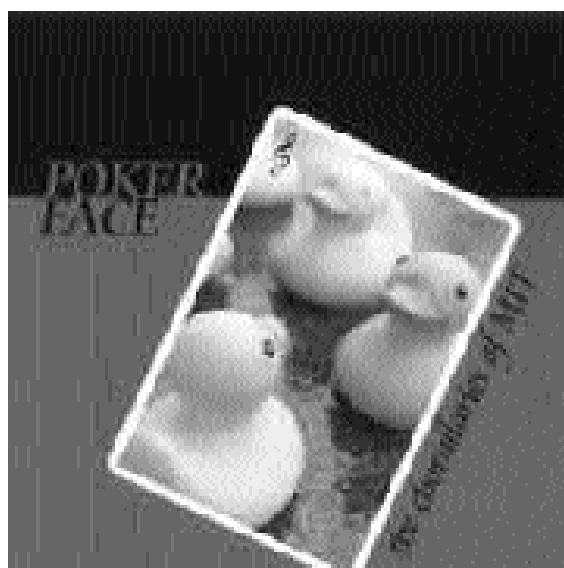
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Samuelson Discusses Economic and Monetary Policy

By Pey-Hua Hwang

STAFF REPORTER

Institute Professor Paul A. Samuelson spoke on "The New Ball Game in Economics" Tuesday night at a packed 6-120.

The Nobel Laureate focused primarily on the action of the Federal Reserve and its role in determining economic policy, as well as "Merlin the magician" — better known as Alan Greenspan.

Samuelson said that in defiance of all the orthodoxies of central banking, "the Federal Reserve must be our main economic stabilizer." However, he also said that Greenspan did not believe that it was his goal to prop up the stock market.

The stock market has the power to predict what happens in the main market, Samuelson said. "Yes, Wall Street predicts the future."

However, he also mentioned that "the mechanisms between Wall Street and Main Street are not the same today as they were in say 1929."

Samuelson was also critical of the Bush tax cut policies. Acknowledging that he himself had been a classical economist, he felt that "only when Miss Capitalism is in mortal peril ... in an oxygen tent ... should fiscal policy be altered," and that changing the fiscal policy would be "not a crime but a blunder ... I've learned that I can sometimes be wrong, but the worst crime is to stay wrong."

He also pointed out the generation gap between himself and most of his audience several times as he asked the audience if they had ever heard of the "liquidity trap" or the "paradox of thrift," and no one raised his or her hand.

Samuelson also made several allusions to the difficulties of forecasting the economics of the future. "Economics is necessarily not a precise science," he said. He also noted

that it was best to use "informed intelligence over dogmatic rules" when trying to determine public policy, and that "optimal forecasting should be sluggish forecasting." He said that in this

mentality as an "overspending, zero-saving society."

Samuelson opens floor to questions

After he finished his prepared speech, Samuelson took questions from the audience. An engineer asked if Samuelson would care to explain the "liquidity trap" or the "paradox of thrift." Samuelson responded, "Do you expect me to rectify four years

of undergraduate education in five minutes?" but then proceeded to explain as the engineer exclaimed, "it's all about efficiency."

Audience members also asked why Samuelson favored monetary (supply-side) as opposed to fiscal (demand-side) economics. He answered by saying that until 2020 there should be a build up of capital because of the impending retirement of the baby-boomers and that higher capital would also spur productivity.

Samuelson also talked a bit about Japan's economy. "Japan has the most misgoverned system," he said as he cited an overly bureau-

cratic system where all of the economics were learned in-house.

Samuelson's long history at MIT

Samuelson joined the MIT Department of Economics faculty in 1940. In 1970, he won the Nobel Prize for his work to raise the level of scientific analysis in economic theory. He was the first ever to win this award. In 1948, Samuelson wrote the best-selling introductory textbook *Economics*. In addition, he has written *Foundations of Economic Analysis* and five volumes of *The Collected Scientific Papers of Paul A. Samuelson* (1966-86).

***Economics is necessarily
not a precise science.***

— Paul A. Samuelson

He also described America's



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Hale Bradt Retires after 40 Years at the Institute

By Rubi Rajbanshi

STAFF REPORTER

Professor Hale Van Dorn Bradt began teaching at MIT as an Instructor in Physics in 1961, after earning his PhD in physics from MIT. This year, the popular astrophysicist is retiring. *The Tech* interviewed Bradt and got the inside scoop on his future, his interests, and his 40-year career at MIT.

The Tech: You earned your PhD at MIT and have been teaching since then. Why did you never leave?

Bradt: You know, a professor friend of mine, Professor Deutch [Institute Professor John M. Deutch] was asked this question and replied, "because I like change."

The Tech: So MIT is an ever-changing place ... is that your reason?

Bradt: Yes. MIT was always a fine institution with exciting research opportunities and even the possibility of creating them.

The Tech: You majored in music at Princeton University. How did this lead to a PhD in Physics?

Bradt: Actually when I was at Princeton I was a flipping a coin between physics and music. When I joined the U.S. Navy training base after a year or two in college, I realized I could think spatially and logically in mathematical ways others couldn't grasp as fully. So I came back to Princeton my senior year and ended up staying there a fifth year to take the physics classes I needed to get into MIT grad school, and I never left.

The Tech: What are some of the most significant changes you've seen at MIT?

Bradt: Well, demographically, I would say that MIT has changed dramatically in terms of the prevalence of women and minorities and different nationalities. There is also a tremendous flexibility in the kinds of courses students can take. In my day, we had a choice of only one math course, one physics course, and one chemistry course. There was even a scheduled day every week where we would have exams.

The Tech: What has stayed the same?

Bradt: (laugh) Spring fever ...

The Tech: What will you miss most about MIT?

Bradt: Things like the excitement of knowing and even being part of new discoveries, interacting

with students in a teaching environment which proved to be very rich. Every September was very exciting for me.

I'll also miss the incredible people I have worked with these past years, although I hope to keep in touch with them. There was never any backbiting or small-minded scientific competition among my peers here.

The Tech: Will you continue to do research in astrophysics after you retire?

Bradt: I probably won't take the lead on any big projects but I'd like to stay in touch with projects that have interested me, like the Rossi Timing project.

I'd like to maintain an active academic life although I won't be teaching any big lectures anymore. I might go to some freshman seminars sometimes though, maybe in astrophysics. I'd actually like to get out a published multi-volume set on astrophysics.

The Tech: How far are you on that project?

Bradt: It was actually one of those things, like a senior thesis, that you never finish, but it's almost completed now. I hope to get the first part of it out within a month or two after classes finish.

The Tech: Any big trips soon?

Bradt: I'll stay around Cambridge, since I've got two

daughters and several grandchildren around here. My wife and I, though, may go to Italy for a while.

The Tech: To visit the observatory of Rome?

Bradt: Yes. Actually, we've gone to that observatory frequently the

past few years and we've gotten to know the people of Italy, the language, and the experiences were rich and rewarding.

The Tech: So you have a lot of things lined up ...

Bradt: A lot of things that I

love. I used to go sailing around here and I have a fast sporty seventeen-footer that I'd like to tip. I feel like almost like a freshman again, not knowing what's out there ... there's an adventurous feeling about this.



SEPHIR HAMILTON—THE TECH

Members of the Society for Creative Anachronism practice Renaissance-period fighting on the lawn behind Kresge Wednesday evening. The Society also sponsors chainmail workshops and Renaissance dancing at MIT every Wednesday.

Crossword Solution from page 7



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Students Make Varied Plans for Summer Vacation

By Jennifer Young
STAFF REPORTER

Summer. It used to mean no school, running your own lemonade stand, exploring your backyard, being away at camp, building sandcastles, and watching cartoons every day.

Now, for some people, it also means more school, running your own startup, exploring Europe, being a counselor at a camp, or building one's resume. And watching cartoons every day.

MIT students use summer for a lot of different things, but the one common factor is that it's a chance to catch up on everything they can't do during the year, be it business, pleasure, or a mix of both.

Internships, UROPs add depth

To some within the throes of the Institute, making sure the late nights, caffeinated days, endless problem sets, and tooling all pay off will be a top priority this summer.

The opportunity to explore work within a field and make connections for the future is an important part of many summer internships. Luke A. Massery '02, a Course II major, will be working for Ford in Michigan this summer. "It should be fun, something good to put on my resume, and a worthwhile design opportunity," Massery said.

Keane T. Nishimoto '03 is going to Hawaii to work for the Army Corps of Engineers. Despite excitement about the job, "I think I'm just going to be a gopher," Nishimoto said. "But I'll get to joyride in a federal vehicle."

Another popular and easy option for MIT students to explore is the Undergraduate Research Opportunities Program. Students

can find existing opportunities within departments that capture their interest, or obtain direct funding for a self-directed proposal. Some UROPs continue spring positions



"I'll be in Switzerland, enjoying myself, and I'll work for about a month and a half there. I'm glad to be going home. Here, people live to work. In Europe, we work to live."

—Josue Sznitman '02

into the summer, or allow students to begin a position that they may keep next year.

David G. Seif '04 plans to stay at MIT this summer, working on a Course XIV UROP analyzing the quality of health care provided to federal employees. Like many students who take on UROPs, Seif has a personal interest in the subject matter. "I hope to get experience and a little money out of it," said Seif. "I'm majoring in Course XIV and possibly specializing in health care economics, so it's a useful topic to be researching."

Teresa K. Yamana '04 hopes to take her UROP work with her this summer. "I'm going home to Canada, and I might have a UROP there where I can read and write about sustained development."

This flexibility offers her the chance to travel during the summer,

as well as pursuing coursework away from the Institute. "I'll be going to Japan and Texas, and I'll maybe do 18.03 independently," said Yamana.

Another side of summer camp

Summer camp counseling is another strong opportunity for students at MIT, especially with respect to college-sponsored summer programs in science and technology.

Adriana P. Rodriguez '04 is working with the Minority Introduction to Engineering, Entrepreneurship, and Science. "I did it when I was in high school, and now I'm going to tutor for it. I had a really positive experience," Rodriguez said, "and I'd like to pass that back to high school students."

Mike A. Terry '04 is involved with the UCLA summer computer camp. "I'll be teaching 10 to 12-year-olds how to program, living in dorms, visiting the beach," said Terry. "I've never had the chance to work with kids, and it should be pretty fun."

Off the beaten path

Some students are more eager to use their summers to hunt down and capture their personal passion.

Melissa A. Edoh '02 and Jovonne J. Bickerstaff '02 are pursuing an independent project proposal: "Challenges of Racial Integration in Paris, France: Perspectives of the Black Experience in Literature, Film and Reality."

"We're doing research among youth in inner cities," said Edoh. "We're trying to understand how race relations work for youth in France versus how we see it in the United States."

Edoh and Bickerstaff began

thinking about their project proposal during IAP, when they realized that they both wanted to be in Europe for the summer. "The project was a mix of our academic and cultural background and our general interests," Edoh said.

Edoh, in Course XVII, and Bickerstaff, in Course XI, bring separate but complementary perspectives and skills to the project. "We thought it would be nice to do it together because we have completely different backgrounds."

Their proposal is being made possible by several sources, including the Office of Minority



"There are many meetings this summer, but the one I will be attending is in Munich ... Next year I'll also be lecturing 8.02, so I will prepare for that."

—Professor Walter H. G. Lewin

Education, the Provost, MIT France, and the Undergraduate Research Office.

Additionally, Edoh and Bickerstaff are recipients of an Eloranta Fellowship, sponsored by UROP. The fellowships are open to all fields; students submit proposals to compete for six thousand dollars apiece in scholarship money.

Typically, four proposals are selected; this year, the committee chose seven.

"It's a really good opportunity for those in the social sciences, especially because there are so few chances on campus to do research and get funding within our fields," Edoh said.

Relaxation high on priority list

Despite the buzz of getting an internship, a research position, or just a summer job, students place high emphasis on the recuperative benefits of summer.

Kennet T. Belenky '01 plans to be backpacking the Colorado Trail for a month and a half. "I just wanted to get away from cities," said Belenky. "I think Boston has given me an overdose of urban culture."

For Sara M. Tenenbein '04, the chance to get a dose of a different culture was an opportunity she couldn't pass up. So through a summer program offered through New York University, Tenenbein will be brushing up her French – in France. "I have the rest of my life to work," she said. "I want to travel and enjoy myself this summer."

Larry W. Colagiovanni '04 will be working at a computer camp as a counselor for part of the summer, but for the rest of it, "I'm studying philosophy books and hiking," Colagiovanni said. "It should be pretty fun and relaxing."

Chris J. Emig '04 is taking a less structured approach to his summer. "I'm probably going to backpack for a month, and I'm taking a cross-country road trip," Emig said. "I know I'm going to end up working, but I'm trying to get away from it," Emig added in a statement rich in the true spirit of MIT.

PSLM Moved from Education Campaign to Campus Sit-In

Living Wage, from Page 1

that some workers can subsist only by working 40 hours at Harvard and full-time at MIT. After this, they still have a one, two, or three-hour commute home, because living costs in Cambridge are still too high.

While at first the PSLM's campaign focused on educating students and faculty on Harvard's campus, students soon realized that they were being ignored. "We tried every avenue we could. [We] had meetings with [Harvard President Neil L.] Rudenstine, the provost, but the Harvard corporation wouldn't meet with us," Graham said.

Harvard refuses living wage

The Harvard corporation had the sole power to implement a living wage at Harvard, but they refused to seriously consider the issue. Although the Harvard corporation formed a task force to study the living wage issue, this committee did not interview a single worker before

making its decision.

Graham became interested in non-violent activism while taking a class on non-violent protest. He got involved with the PSLM when he discovered that Harvard had not yet implemented a living wage. "I became active after hearing a lot of the workers' testimonies. I didn't think it was right," he said.

Will Erickson, a recent Harvard graduate, became entrenched in the living-wage movement about two-and-a-half years ago, shortly after he transferred to Harvard. "I got here and pretty much landed in the campaign," he said.

Erickson believes that this issue interested Harvard students because it involved people who they saw every day. "This is an issue that affected people who we knew personally. We know the janitors by name, we know the people who serve our food."

Protest planned far in advance

Graham believes that the protest was successful because everything

was carefully organized and planned before the protesters entered Harvard's Massachusetts Hall. "We had it all in place when we went in. Every one of those people knew exactly why they were there," he said.

One of the most important decisions made by the protesters was to divide into two camps: one group would enter Massachusetts Hall, and the other would stay outside to organize support from the outside community. Graham went with the group that entered Massachusetts hall, while Erickson stayed outside.

"It was very strategic. We used lessons from Gandhi's movement to the civil rights movement," said Graham.

All actions strictly non-violent

In 1969, a student protest at Harvard turned sour when protesters became violent. In order to avoid a repetition of this fate, the sit-in's organizers assured Harvard university officials that there would be no violence or property destruction during the sit-in.

"When we first came in, we made a pledge to all the workers and the police — we wouldn't destroy any property," said Graham.

Protest organizers outside Massachusetts Hall attempted to maintain order and to build good relations with the police. Erickson helped on the team which organized the twice-daily rallies outside of Massachusetts Hall. He said that his biggest challenges were "keeping rallies under control, knowing what was going to happen."

Erickson also stressed the importance of maintaining good relations with the police and keeping things from becoming violent. "Having good relations with the police was important, and we stressed that to all people," he said.

Protesters gain Internet support

The protesters brought cell phones and laptop computers that to help them keep in touch with the

outside world and the media. They created a website for the protest, and read email from supporters. "During the first several days, we got lots of e-mail, lots of support from MIT students," said Graham.

After four days, the protesters heard that Rudenstine was going to deliver an address to some prospective Harvard freshmen. Some of the students decided to leave Massachusetts Hall, Graham among them. "We tried to take the sit-in to Rudenstine," he said.

The protesters talked to the freshmen and their parents, and attempted to teach them about the unfair labor situation without being confrontational.

"People usually ask questions like, what's the food like, how hard were the classes? People asked Rudenstine about the living wage," Graham said. By the end of the session, "they couldn't say, 'this committee of administrators talked to a few deans and made a decision.'"

Outside support helped protest

Graham believes that the support from outside organizations, such as the Progressive Labor Party, a revolutionary communist organization that supports workers' rights.

Frank Caristy, a member of the PLP, helped to distribute information about workers' rights and his organization. "We want a party that can organize people, not individuals, but the whole working class," he said.

Stephanie Richardson, another representative of the PLP, believes that a plan is important for groups who hope to effect change. "You have to have a plan. I think that's the principle difference between the Progressive Labor Party and anarchists," she said.

However, Richardson believes that the student protesters fell considerably short of true success. "They thought it was better to negotiate rather than going all the way. If you're fighting a war, you don't want to negotiate with the enemy. You want to fight and lose, fight and lose," she said.

MIMETYPE

MIT's only mime theater group proudly presents its

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FREE ADMISSION

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For info, contact Aaron Santos at mimetype-request@mit.edu



Dean for Graduate Students Isaac M. Colbert addresses a crowd gathered for "Speak Out" in front of the Stratton Student Center Tuesday afternoon.

Students, Faculty Praise Forum

Speak Out, from Page 1

groups on campus, including the Black Students' Union, Stop Our Silence, Alpha Tau Omega Fraternity, Inc., and Tufts Coalition for Social Justice and Non-Violence.

Guest speakers included not only MIT students and faculty, but also students from the University of Michigan and Northeastern University. MIT's Speak Out comes at a time when Northeastern students have been fighting to keep the university from demolishing a building containing its African-American Institute. Northeastern announced yesterday that it intended to go through with its relocation plans.

A Promise to "Raise Awareness"

Kasetta V. Coleman '04, one of the chief organizers of Speak Out, explained the goals of the MIT event. "We hope to send the message that there should be more open dialogue about these issues. As a community, we have a greater voice and can be more powerful than as separate organizations with the same concerns. We hope to spark off more events like this," Coleman said.

"I have heard stories about racism that are appalling. So, when people e-mail me and say that they have not experienced sexism nor racism, I thought 'well, maybe they just don't know.' Hopefully this event would raise awareness about these issues here at MIT," Coleman added.

Dean Ayida Mthembu told the crowd that "It's been 35 years since I have seen a spontaneous demonstration on a college campus. I feel good, but at the same time, I am saddened because you are confronting the same issues that others were addressing decades ago."

"Racism is here and it is thriving. Most of the time, no one stands up to it, but at ATO, people called these young men on it," said Aimee L. Smith G.

Jovonne J. Bickerstaff '02 said that students "were sad, upset, but not surprised, because we are fully aware that America is in a hot bed of -isms, in which race is one of them," at an emergency forum held last Monday.

Michael M. Torrice '02, however, disagrees. "In my time here at MIT I have not experienced any forms of racism. That does not mean that it doesn't exist, but I worry sometimes that people jump to action following an alleged incident without gathering enough evidence and rationally thinking things through."

MIT responds to Roots incident

ATO President Erik M. Glover '02 once again apologized "for the embarrassment that some of its

members have caused the MIT community" at the forum, but expressed that he is "proud of the way my brotherhood has acted in such adverse circumstances. The incident has acted as a catalyst for positive change. It has heightened awareness, inspired many, and facilitated conversation."

Dean of Graduate Students Issac M. Colbert urged students to "substitute dialogue with stereotypes and fears, and take advantage of this window of opportunity before it closes. MIT harbors the brightest minds on the planet, but that does not make it immune to misconceptions."

Many faculty members expressed positive reactions to the forum. Lynn A. Roberson of Counseling and Support Services commended students "for making this forum possible, for having a vision, for recognizing that it is time for new perspectives on these issues." In a joint statement with

I think that opening lines of communication regarding gender and race is very important. —
Pius A. Uzamere II '04

Roberson, Associate Dean Blanche E. Staton said that the students are creating "conversation that is so beautiful in weaving together the issues of racism, sexism, and diversity. You will continue to feel invisible, under-respected, disregarded at times. Change won't take place overnight, but one day at a time, one person at a time. MIT is recognized for its excellence in academics and research. You are now striving to achieve excellence in how to treat each other."

"I am overwhelmed by the positive community response to the ATO incident. This is the epitome of progress and heads in the direction of success", said Director of Affirmative Action/Equal Employment opportunity Regina M. Caines.

Petitions and flyers promoting new ideas proposed by members of the student body to better educate the campus about racism and sexism were passed around the crowd at the forum. Some suggestions included making a multiculturalism class part of the General Institute Requirements, and changing the official MIT seal from featuring two men to featuring one man and one woman. "Let us honor the women scientists and engineers and showcase them as part of this illustrious institution," said Zhelinrentice L.

Scott '99. In response, Dean Larry G. Benedict said that he "was just exposed to these ideas last week, but I look forward to considering them in the months to come."

Speakers stress student response

The hosts of the forum stressed at Speak Out's closing that the event is not an attack on ATO nor on the administration. "The administration is a big part of the event today. They showed their support in numbers, and it is important that they heard what the students had to say," Coleman said. "There were lots of different views and ideas in planning this event, some were more extreme than others. The important thing is that the end result is great," said Geno Williams '01.

Marlon B. Francis '01 suggested having a "Write Out" as a follow up to Speak Out, where "people submit articles expressing their concerns and promote awareness about racism and sexism through *The Tech*." He urged students to "ask questions about these issues, but also trust the leadership and trust the experiences of older people."

Student representatives from Northeastern University came to MIT to show their support for Speak Out, and also to ask MIT students to support their cause. Students at Northeastern are protesting the relocation of the J.D O'Bryant African American Institute. At the forum, Scott presented a student representative from Northeastern with a 32-point Bill of Rights drawn up by the MIT Undergraduate Association in support of their protest.

MIT members applaud forum

Many who attended the forum praised the event as a major success. Pius A. Uzamere II '04 said that "I attended the forum because I wanted to support some very worthy causes. I think that opening lines of communication regarding gender and race is very important. The forum ran well ... the speakers all had solid points to make."

"I am very glad that I was at the forum. It was very interesting and very inspiring in many ways. This is not a student versus administration struggle. As a community, we didn't do as good a job as we could have and should have done," said Dean of Undergraduate Education Robert P. Redwine.

To remind everyone that the Speak Out forum is not an end but a beginning, White encouraged everyone to attend another forum on Monday, May 14 at 1:30 p.m. in Wong Auditorium. This forum is titled "Building a better MIT: Learning from the ATO incident," and is presented by the Campus Committee on Race Relations. "This is the beginning of the conversation," said Benedict. "There will be at least one or two more forums in the fall regarding related issues."

Lessig Examines Law And Freedom Online

By Joel Rosenberg
ADVISORY BOARD

Technologists are to blame for passively allowing freedom on the Internet to fade, Stanford Law Professor Lawrence Lessig told a crowd of technologists in 34-101 yesterday.

And now the only way to keep that freedom from disappearing entirely, he explained, is for technologists to speak up and teach the lawyers (and everyone else) why the Internet was created the way it was.

"Teach us, in terms you know, of the justice, or freedom, that was imbedded in the code you built," Lessig said, "and show us how the changes that code is now undergoing will quickly erase that same justice or freedom."

Lessig explained how the Internet architects humbly avoided favoring one vision

of the network over another, and instead kept the network as simple and open as possible for others to create through it. This "innovation commons," as Lessig called it, was unprecedented in communications technology, and excited innovators that would never have considered innovating in the phone network, for example.

But Lessig then described how the Internet is now being made "safe for existing and powerful interests." As the Internet upgrades from narrowband to broadband, cable companies are replacing telephone companies as the provider of the wires for the "physical layer."

For historical reasons, the law allows cable companies to restrict what travels over their wires, but prohibits such behavior by phone companies. In the "content layer," Congress has already established copyright controls beyond what historically has been considered reasonable, and lawyers are busy pushing enforcement.

With both of these layers pushing in towards the "code layer," the

neutral protocols which get the content over the wires, the goal of the powerful interests is to remove neutrality and quash potential innovation by future competitors, Lessig said.

"As we [lawyers] do this, there is practically no effective resistance from you [technologists] in this process," Lessig said. "I wonder whether you even see the extraordinary thing you've built."

Lessig gave some historical perspective for what he sees happening now. He cited the U.S. Constitutional mandate for copyright and patent law: "The Congress shall have power ... to promote the progress of science and useful arts ... by securing for limited times to authors and inventors the exclusive rights to their respective writings and discoveries." Initially a copyright was limited to 14 years, was not automatically granted, and did not protect foreign materials until 1891. "We were born a pirate nation," he said.

As copyright law ballooned into its current state of covering "just about anything anyone does with a computer" for the life of the author plus 70 years, the goal of providing "sufficient incentive" for people to create was lost to the idea of "perfect control" over all creative works and their derivatives. Gone is discussion of whether these laws "promote the progress," and instead, Lessig said, it is inertia that drives the charge for perfect control into the code layer.

What would help protect the code, Lessig said, is "an account that shows why the innovation and creativity that we have seen comes from this [code] that built neutrality, end to end, in its core." It is this story of the potential of the Internet, as told by its creators, that Lessig believes is desperately needed.

"This is the time when you must teach the world just what was produced here," Lessig said.

Northeastern to Demolish African American Institute

Northeastern University President Richard M. Freeland announced last night that Northeastern will continue with plans to tear down the John D. O'Bryant African American Institute in 2003.

The building, which is located in the center of the Northeastern campus, was founded in 1968 at the height of the Civil Rights movement. It houses the Reggie Lewis Technology Center, a 6,000 book library, and other resources geared toward black students. The university plans to replace it with a newer facility which will be up to ten times the size of the original.

Northeastern students claim that the university is not being responsive to their requests to preserve this building, which they believe is a historical landmark. Some have threatened to occupy the building until university officials reverse their plans for demolition.

Thousands to Lose Financial Aid

According to the United States Department of Education, nearly 60,000 students are at risk of losing financial aid due to strict enforcement of the Higher Education Act's (HEA) drug provision.

Out of the 4,796,228 financial aid applications for the 2001-2002 school year processed by the department, 34,749 contained a response of "yes" to Question 35, "Have you ever been convicted of possessing or selling illegal drugs?"

Out of about one-half of the total number of applications expected to be filed (9,817,994 were processed for 2000-2001), 17,492 have yet to return a completed worksheet or are partially eligible. Meanwhile, another 10,954 still refuse to answer the required drug question. Of the 34,749 answering "yes," 17,257 are still fully eligible after completing an additional eligibility worksheet.

Groups such as the NAACP, the United States Student Association and the National Association of Student Financial Aid Administrators have argued that the HEA drug provision deals a double blow to minorities by thrusting the pre-existing racial bias in drug convictions onto higher education. Statistics compiled by the Leadership Conference on Civil Rights show that African-Americans make up 13 percent of illegal drug users but 55 percent of those convicted of drug offenses.

News Briefs

2.007 Robots Run on Wireless Controls for First Time

2.007, from Page 1

Both Delhagen and Jacobs made use of a "car jack," a sort of telescoping mechanism that arrives at the base of the beam's other side and can be jacked up so as to elevate the opposing side of the beam.

Scheming for a tie

Delhagen and Jacobs anticipated their face-off. "I tried to keep fairly low expectations for the outcome, but by the semi-finals, we were fairly confident we would be facing each other," said Delhagen, an Electrical Engineering and Computer Science major who hopes to minor in Mechanical Engineering.

At this point, the two friends asked Professor Slocum whether both students could be allowed to win. Slocum maintained that one student must emerge victorious.

Yet Delhagen and Jacobs still preferred that neither student come out ahead. "We met in the back of the competition area and basically crippled Will's machine to be the height of my machine," said Jacobs.

According to the contest rules, "The round will be judged a tie if the beam is within one degree of its initial orientation."

In their final match, the students extended their machines, similar "car jack" pistons, to equal heights such that the resulting beam position was level.

Contest meets design changes

New to this year's competition is a wireless control system. Until now the contest had used a tethering system that tended to jerk the machines around, a condition that proved difficult for students to account for in their designs.

"We had been long considering making this switch," says Alexander D. Sprunt G, a 2.007 teaching assis-

tant. "It adds freedom to the future of the design contest itself."

Students orchestrate their machines' movements via laptop touchpads, each with four electric channels so that up to four motors can be independently controlled. While each student drives his or her own machine, he or she may solicit the help of another person for actions like triggering a mechanism at a certain time.

"It was the most challenging contest in a while. The physics of the table was more complicated," Slocum said.

Origin of *The Tiltillator*

The unofficial theme of the contest derives from the film *2001: A Space Odyssey*. Slocum originally wanted to anodize the beams and columns of the table so as to give the appearance of an "ominous, black monolith" in *Space Odyssey* fashion. The aluminum parts required for the idea, however, were too expensive.

At its inception, the pendulum seesaw design had no clear name. Slocum originally favored the title "Oops, Hal, I Tilted Again" à la *Space Odyssey*.

"None of the students liked that at all, so on our website we asked students to pick a name," he notes. *The Tiltillator* became the clear favorite.

One factor in designing the table is the anticipated complexity of the table. "We ask 'Is it reasonable or too complex?'" said Joachim Sihler G, the head teaching assistant for 2.007.

Ultimately, he says, the table can be designed in numerous different ways. "Students will still be able to create the machines."

"The table is actually very interactive. The position of the beam depends on what the student and his or her opponents do," Sihler said.



Alison H. Wong's '03 "Mach 99" and Collins P. Ward's '03 "Shocker" engage in an epic battle during last Wednesday's 2.007 robotics contest.

Sihler, and plumbing parts.

After weeks of designing and constructing, students must submit their machine on "Shipping Day," when each final product is "impounded" — checked for compliance with size and weight constraints. Between "Shipping Day" and the actual contest, students may not alter the functionality of their machines in any way.

The starting configuration of each machine must fit back inside its original kit. Not only is the design subject to such size constraints, it must also weigh no more than 10 pounds, excluding the battery and control box. The weight limit is a natural result of the weight-based nature of this year's table design, according to

Sihler.

Looking towards the future

The double winners, along with the two third place contestants and several other students, will compete in the International Design Contest this summer to be held in Osaka, Japan.

Another unofficial theme of the contest may have been a certain female pop singer. "In the [Pappalardo] Lab, I would hear students go, 'Oops, I can't believe I did that again,' said Slocum. We put two and two together, and Britney Spears became a sort of theme."

Slocum will not give away details of next year's table design but offers, "Next year's design will make Britney Spears seem sedate."



ROSHAN BALIGA—THE TECH
MIT Campus Police Sergeant Cheryl N. Vossmer speaks with Jack Denuce (left), Facilities fire alarm technician, and Kevin Connolly, the Facilities D-zone coach, after a fire broke out in Building W31 Tuesday afternoon. The fire was caused by accumulation of lint in the laundry room of Du Pont gymnasium, which is adjacent to Campus Police headquarters. No injuries were reported, and employees evacuated by the Cambridge Fire Department were let back in late in the afternoon.

THIS WEEKEND AT LSC

Benicio Del Toro

Dennis Farina

Brad Pitt

Snatch

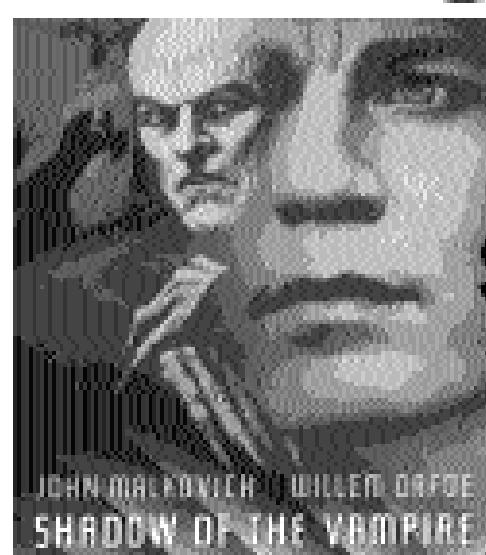
Friday, 7 & 10 pm, 26-100
Sunday, 7 pm, 26-100



LSC Classics Presents

The Birds

Friday, 7:30 pm, 10-250



shadow of the vampire

Saturday, 7 & 10 pm, 26-100
Sunday, 10 pm, 26-100

Nightline

def•tuv•tuv•oper•oper

This space donated by *The Tech*

SPORTS

Tennis Streak Ends With Williams Loss

Institute to Host NCAA Div. III Regionals

By Robert Aronstam

STAFF WRITER

Last Saturday, men's tennis finally met their match. Williams College, the top-ranked NCAA

Division III school in the East Region, ended MIT's 13-game winning streak by defeating the Engineers 5-2.

MIT's number one singles player, Jeffrey P. Augustyn '03, played an exciting match with his counterpart from Williams. The outcome was not decided until the final games of the third set.

Augustyn went down a break early in the first set. He was broken at love in the fourth game and was unable to rebound. He hit several winners, but his opponent kept the upper hand by playing with extreme consistency.

While Augustyn muscled his ground strokes, his opponent hit a variety of shots. The Williams player mixed in slice backhands whenever he was on the run. This style allowed him time to recover before the next shot.

Augustyn's frustration mounted as he dealt with longer series of volleys. He tried charging the net, but was largely unsuccessful. His opponent came up with timely passing shots in most of these situations.

The Williams number one player controlled the entire first set, though it was not due to his remarkable shots. Rather, he player waited for Augustyn to self-destruct. The set ended quickly, as Augustyn's unforced errors and unsuccessful volley attempts

mounted.

The beginning of the second set was more of the same. Augustyn fell behind by a break early in the set. Remarkably, Augustyn bounced back from the deficit.

Augustyn's recovery was not due to a dramatic change in his game-plan or superior play. Augustyn simply seemed to play smarter tennis. Instead of forcing shots that weren't there, he waited for the right opportunity to pull the trigger.

Although he continued to hit aggressive shots and charge the net, his play became much more effective because he didn't go for too much on every shot. Additionally, he took control of the net behind better approach shots, setting up a few volley winners. He ended the second set with a service break of his opponent.

Augustyn maintained control in the third set. He dominated his service games with huge forehands and overhead winners. However, he was unable to come up with a service break.

In the ninth game, the match slipped away with a few errant shots. Though Augustyn had played strongly up until that point, he dumped a few balls in the net, giving away a service game. In the next game, the Williams player served out the match.

Co-captain Ricardo Rossello '01 and freshman Michael H. Ogrydziak '04 provided the only MIT victories.

The men will participate in the NCAA Division III East Regional Competition this weekend. The competition will be held at MIT.

MIT Women's Crew Falls To Radcliffe, BU Squads

Team to Participate in Eastern Sprints

By Lauren Owens

TEAM MEMBER

Despite strong performances from MIT crews, the women's crew team lost to high-ranked Radcliffe and Boston University in a race at home this past weekend.

In the junior varsity race that began the day, MIT came off the start even with BU and a few seats behind Radcliffe. Through the first 500 meters, MIT's boat kept contact with BU.

"The JV boat fell back about a boat length through the bridge," said Cristina M. Costantino '03. "But [we] brought it up a little with a powerful move in the third 500 just as we were going by our boathouse."

Radcliffe won the race with a time of 6:53.5, and MIT finished in (7:30.9) with some open water between itself and the BU boat (7:11.4).

Racing in the junior varsity boat were Meredith L. Gerber '04, Jaryn E. Finch '04, Sarah A. Nowak '04, Lauren E. Owens '03, Katherine E. Butler '03, Tenley D. McHarg '04, Jessica L. Wargo '04, Costantino, and coxswain Nirupama S. Rao '04.

The varsity race began with a slight crosswind blowing. MIT had great boat speed in the first 500 meters, but slowed down into the middle of the race and subsequently had trouble regaining their speed.

MIT, recently ranked 18th in an Eastern Association of Women's Rowing Colleges coaching poll, fin-

ished with a time of 7:16.1. Sixth-ranked Radcliffe came in second (6:42.0) and BU, ranked fifth, won the race (6:39.7).

The MIT varsity boat was made up of Christine A. Karlovich '02, Danielle M. Schumaker '03, Jill A. Rosenfeld '02, Megan S. Goldman '04, Katherine S. Graham '01, Danielle S. Smith '02, Kristen E. Cook '04, Anne M. Latham '02, and coxswain Karissa D. Patterson '03.

MIT's lightweights finished the day with an incredible race against Radcliffe. Despite a rocky warmup and a time-consuming alignment at the start, MIT stayed with Radcliffe off throughout the race.

"We came into it worried about whether or not we could hold them and race as well and we could," said Chandra Claycamp. "From the first stroke we really battled them down the race course."

MIT took a move against Radcliffe early in the race and responded aggressively to Radcliffe's attempts to pull away. Radcliffe, ranked fourth in the country, finished only four seconds ahead of MIT (7:19.3).

Racing in MIT's lightweight boat were Aditi Garg '03, Margaret F. Nervegna '01, Lesley D. Frame '04, Sarah K. Yenson '03, Chandra J. Claycamp '03, Seaeun Kim '01, Hillary K. Rolls '02, Lisabeth L. Willey '02, and coxswain Alison J. Klesman '03 raced MIT's lightweight boat.

This Sunday, the MIT women travel to Camden, New Jersey to compete in the Eastern Sprints.



MARISA YATES—THE TECH
Sarah E. Cotton '04 competes in the women's 3200m relay; her team finished fifth with a time of 9:53. She and her team competed in the New England Division III Championships, held at Middlebury College last Saturday.

Women's Track Team Places 11th At New England Division III Meet

By Adeline Kuo

TEAM CO-CAPTAIN

This past Saturday, the MIT women's track team journeyed to Middlebury College to compete in the New England Division III

Championships. After an exhausting drive northwest, the team still managed to perform well, taking 11th place overall with 28 points.

Melanie L. Harris '01 led the team to a positive start as she completed the 10K race in a personal record and All New Englands qualifying time of 40:12.60, taking sixth place.

The 3000m steeplechase, while an exhibition event only, was well run by Sarah K. Perlmuter '02. Coming around the track 7.5 times and over 35 hurdles, Perlmuter earned a fourth place finish in her

first ever 3K steeplechase with a time of 12:54.77, setting a varsity record. Perlmuter will again exhibit her talent tomorrow at the All-New England Division Championships.

Among the distance events was the 4x100m relay. The team, consisting of Adeline L. Kuo '02, Melanie A. Miller '04, Chinwe P. Nyenke '04, and Clarissa Y. Smith '04 finished in a team best time of 52.05, a sixth place finish.

In the 800m run, Chi-An Wang '01 moved up from her eighth place seed to take seventh in an ECAC qualifying time of 2:20.83.

On the field, Princess Imoukhuede '02 powered out half the points for the team. In the hammer throw, she not only finished in second place, but also qualified provisionally for Nationals with a throw of 155'10". In the

shotput, Imoukhuede launched a 40'5" throw for a fifth place finish. Imoukhuede scored another two points in her seventh place finish in the discus, where she set a new personal record and qualified for ECACs with a toss of over 113'.

In the triple jump, Nyenke leaped to yet another excellent jump of 35'4 3/4", finishing fifth.

The 4x800m relay, consisting of Smith, Wang, Sarah E. Cotton '04, and Martha W. Buckley '04, took almost a minute off their seed time for a fifth place finish in 9:53.36.

Today and tomorrow, the team will be at Williams College competing at the All New Englands Championships. At this meet, individuals will concentrate on their primary events rather than attempting to contribute to the team scoring.

SCOREBOARD: WOMEN'S TRACK

100-meter

Adeline Kuo 13.62

100-meter Hurdles

Chinwe Nyenke 17.66

800-meter

Chi-An Wang 2:20.83 **

3000-meter

Martha Buckley 10:42.19 [PR] **

Steeple

Sarah Perlmuter 12:54.77 [PR, VR]

10K

Melanie Harris 40:12.60 [PR] ***

Hammer Throw

Princess Imoukhuede 155-10 ****

Discus Throw

Princess Imoukhuede 113+ [PR] **

Shotput

Princess Imoukhuede 40-5 ***

Pole Vault

[tie] Catherine Tweedie 9-5 3/4 **

Triple Jump

Chinwe Nyenke 35-4 3/4 **

4x100-meter relay

MIT 52.05 <TB 2001>
(Adeline Kuo, Melanie Miller, Chinwe Nyenke, Clarissa Smith)

4x400-meter relay

MIT 4:26.04

(Adeline Kuo, Melanie Miller, Chinwe Nyenke, Monica Morrison)

4x800-meter relay

MIT 9:53.36 <TB 2001>

(Clarissa Smith, Chi-An Wang, Sarah Cotton, Martha Buckley)

TEAM SCORE:

11. MIT 28

STATS:

PR: 4 new, 117 season to date

VR: 1 new, 3 season to date

TB: 2 new, 8 season to date

NE qualifiers: 0 new, 19 season to date

ECAC qualifiers: 4 new, 17 season to date

All NE qualifiers: 1 new, 4 season to date

NCAA provisional: 1 new, 1 season to date

NCAA automatic: 0 new, 0 season to date

CODE:

PR = Personal record (outdoors)

VR = Varsity record

RR = Rookie record

* = NE Div. III qualifier

** = ECAC qualifier

*** = All NE qualifier

**** = NCAA qualifier (provisional)

***** = (automatic) National qualifier

TB = Team best <relays 2001>